

# Security and Health Check Release Notes

Version 2026-01-20



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## 1 General information

The document describes continuously the functionality of the Security and Health Check provided on production stage. Subject to errors.

Link

<https://shc.porthos.services/>

### 1.1 Note for users

Please note that some new features are only available when the customer data is re-uploaded.

**In addition, it is often necessary to clear the browser cache (e.g. Ctrl-F5).**

## 2 Functionality provided during PI#28/29 (Jul 25 – Jan 26)

### 2.1 Activation day: 2026-01-20

#### 2.1.1 "Poksundo jay cloud" as a new system in SHC - Display data without scenario (PART-10619)

A data collector is available for Poksundo jay cloud systems and corresponding data can be loaded in the SHC and is displayed there with an own system identifier.

41025	Poksundo	Kanzleigasse 18, 78050 Villingen-Schwenningen, Germany	Poksundo jay cloud	●	●	02/26/2025	01/13/2026, 10:02:04 AM
-------	----------	--	--------------------	---	---	------------	-------------------------

The display of data is largely analogous to the B-COMM system. The panels are

- Header with information about the customer and the used host system version

Poksundo, Kanzleigasse 18, 78050 Villingen-Schwenningen, Germany

Comment

System: Poksundo jay cloud  
Data from: 02/26/2025, 10:57:52 AM  
Version: 2511-0001 ●

- Peripherals Online: In Peripheral Online the SHC shows the collected data of the online devices. Like the other host systems the chapter contains the overview, the statistics and the details part.

Peripherals Online

Overview

9700-K6 B-Client HR30	Local Antenna 90 00	Subterminal	9200-K7 B-Client AC30	B-Net 91 20 B-Client HR1	Gateway 90 40	Digital Cylinder Mifare Wireless BLE E360 V4	Digital Cylinder Logic Advent Wireless BLE E360 V4
2	2	2	1	1	3	1	1

Statistics

Statistic: Hardware

Wireless Gateway 90E343	3
9700-K6	2
Antenna 90 00	2
evolo Digital Cylinder V4	2
9200-K7	1
B-Net 91 20	1

Details

Name	Device type	Hardware	Firmware	Network address	CH Status	Description	Value
CH Stalen	Terminal				●	Client type	Terminal
	9700-K6 B-Client HR30	9700-K6	735-10-X-K000	10.32.1301	●	IoT Gateway Id	123456789098979
	9700-K6 B-Client HR30	9700-K6	735-10-X-K000	10.32.1302	●	Number of Online Peripherals	4
	9200-K7 B-Client AC30	9200-K7	680-03-X-K000	10.32.1305	●		

- Peripherals Standalone: In Peripheral Standalone the SHC shows the collected data of the standalone devices. Like the other host systems the chapter contains the overview, the statistics and the details part.

Peripherals Standalone

Overview

Lever Air Logic Advent BLE E340 V4	Kaba Elotag C-Lever U-Line	CabinetLock Logic Advent E300 V4	LockerLock 2700-K6 E300 LEGIC Advent	Digital Cylinder Logic Advent Wireless BLE E360 V4
2	1	1	1	2

Statistics

Statistic: Hardware

evolo c-lever v4	2
evolo Digital Cylinder V4	2
elotag c-lever v3	1
evolo Cabinet Lock 2710	1

Details

Name	Device type	Hardware	Firmware	Serial number	CardLink	Description	Value
CardLink	CardLink				●	Client type	CardLink
	C-Lever Air Logic Advent BLE E340 V4	evolo c-lever v4			●	IoT Gateway Id	123456789098979
	Kaba Elotag C-Lever U-Line	elotag c-lever v3			●	Number of Standalone Peripherals	4
	CabinetLock Logic Advent E300 V4	evolo Cabinet Lock 2710			●		

### 2.1.2 exos: New properties (PART-10666)

The new exos version 4.4.0 introduces several new properties for online devices. These properties are displayed in the device details table and are also exported to the CSV file.

Substations and idmx:

- Mode (devicemode): valid for substations and idmx (the device mode for access points or other types are not used today).
- Communication Mode: valid for idmx.

Registration units:

- Digital Wallet: true or false

Wireless Gateway:

- Wireless Online: true or false
- ZigBee Channel: value
- API Compatibility Version: value

CommunicationHub:

- Communication Mode AM92xx Cleartext: true or false
- Communication Mode AM92xx Pki: true or false
- Communication Mode AM92xx Self Signed: true or false

### 2.1.3 exos: Hardware Report: Adapted investment arguments (HSC-747)

The new exos version 4.4.0 provides several new investment arguments. These arguments have been added to Chapter 4.

### 2.1.4 MATRIX: New property "Encrypted" for devices (HSC-749)

For all devices the new property "Encrypted" has been added to the details table and can therefore be exported.

## 2.2 Activation day: 2025-11-18

### 2.2.1 Statistic: All devices - Improvements (PART-10096)

**ONLY internal information, not part of the "What's new" in the SHC GUI**

The user has now the option to limit the current hardware overview to active devices. The active status of a device is supported for online and standalone devices for MATRIX and for online devices for exos and B-COMM.

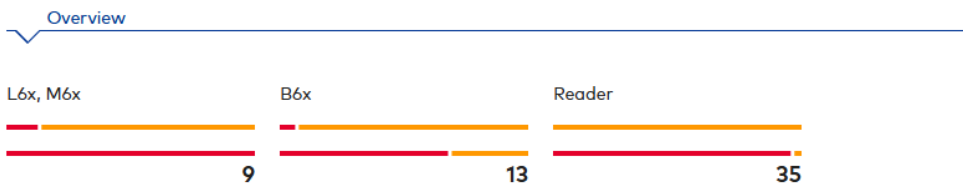
The user has the following three options when searching:

- Active devices only – this excludes all devices without active status (e.g. all standalone devices from B-COMM or exos)
- Active devices (including unknown) – uses the active status if available, otherwise every device is counted
- All devices – does not use the active status

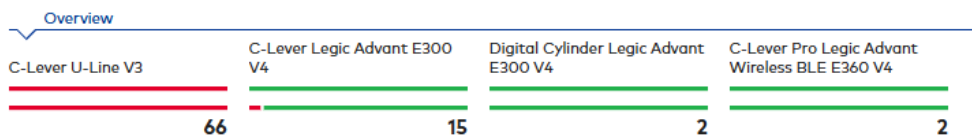
### 2.2.2 exos, MATRIX, B-COMM: Peripherals overview: Separate bar for hardware rating (PART-10138)

The visualisation of the evaluation results for the devices in the overview section of the peripherals chapter has been divided into two coloured bars. The first bar visualises only the evaluation results for the hardware. The second bar shows the overall results for the devices, as before (including Firmware and other security aspects).

#### Peripherals Online



#### Peripherals Standalone



The number below the bars indicates the number of devices of the corresponding type.

When the user moves the mouse over one of the bars, a tooltip with a corresponding explanation is displayed (Evaluation result hardware, Evaluation result overall).

### 2.2.3 exos: Overview Peripherals Online and Standalone - New clustering (PART-10066)

The clustering of online and standalone peripherals has been redesigned for exos. The new clusters are:

## Peripherals Online

- Communication hub (existing)
- Controller / access manager
- Door manager (existing)
- Compact reader
- Recording units (existing)
- Terminals
- Wireless
- 3rd-line products
- Passageways (existing)

## Peripherals Standalone

- Mechatronic cylinders
- Locking cylinders / digital cylinders
- Electronic door fittings
- Readers / compact readers

### 2.2.4 exos and MATRIX: Online devices with new "Active state" property (HSC-723, HSC-724)

The online devices got a new property "Active State", which describes the active state of the device. This state is derived from the active state of the device itself and the state of the parent devices. This means a device counts as inactive also if its own state is active, but the active state of the parent device is inactive. This new property is displayed in the details table of a device as "Active State".

Exos: Also, this property replaces the column "Active" in the main table of the device tree. The property "Active" is furthermore displayed in the detail table of the device.

### 2.2.5 MATRIX: Peripherals Online and Standalone overview with "Active state" column (HSC-699)

The "Active State" column has been added to the overview for online and standalone devices in MATRIX, like exos. The column indicates whether a component is active or inactive.

### 2.2.6 exos and MATRIX: New hardware type Locker Lock 2120-K6 V4 (HSC-695, HSC-727)

exos and MATRIX supports the new standalone hardware type **Locker Lock 2120-K6 V4**. A new evaluation rule has been created for the new hardware, and the hardware is integrated into the Word export for exos and MATRIX and rated as "green".

### 2.2.7 MATRIX: Changed requirement to recognize S6R reader and new hardware type S6D DP1 reader (HSC-734)

The SHC distinguishes the hardware of S6D and S6R reader depending on the deviceType of the reader in the datafile:

- deviceType = DCW\_READER -> hardware = S6D
- deviceType = DP1\_READER -> hardware = S6R

This behaviour must be changed so that the firmware is also involved into the process. Additionally we introduce two new hardware types:

- **S6D DP1 reader:** This type of reader is connected via the DP1 bus but the reader technology isn't updateable by a firmware update.
- **S6x reader:** This type is used if the SHC isn't able to distinguish between S6R and S6D DP1.

The new conditions are:

- deviceType = DCW\_READER -> hardware = S6D (behaviour like before)
- deviceType = DP1\_READER and firmware = empty -> hardware = S6x
- deviceType = DP1\_READER and firmware-string corresponds to the following rules-> hardware = S6R
  - contains DESFIRE, e.g. MIFARE\_DESFIRE\_A 01.17 27.05.1
  - version >= 3, e.g. LEGIC\_ADVANT\_B 03.37
  - the major version number has two digits, e.g. MIFARE\_DESFIRE\_A 01.17 27.05.1
- deviceType = DP1\_READER and firmware-string doesn't correspond to the rules above -> hardware = S6D DP1

The new types are evaluated with the colour yellow. The new hardware is counted and exported into the word report.

## 2.2.8 Word report (MATRIX and B-COMM): Revision of the templates because of terminal 9800-K7 (HSC-721)

The templates for MATRIX and B-Comm have been changed in the following topics:

- Terminal 9800-K7 shall replace device 9700-K6 as successor for other devices.
- Terminal 9700-K6 shall be displayed in yellow.
- B-COMM and MATRIX templates must get a brick for terminal 9800-K7

## 2.3 Activation day: 2025-07-16

### 2.3.1 exos: Active state of idmx in older exos versions (HSC-702)

In older exos versions the active state of an "idmx" device is written into the property state. This property can have the values 0 and 1. The new exos version writes the connection state of the idmx into this property. The active state is written into the property activeflag. The SHC has to distinguish between the two properties to display the correct active state:

- If the property **activeflag** exists, the SHC uses this property as active state of the device. The property **state** describes the connection state.
- If the property **activeflag** doesn't exist but the property **state**, the SHC uses the **state** property as active state of the device and the connection state is missing.

### 2.3.2 exos: csv-export of column Active State for online peripherals (HSC-703)

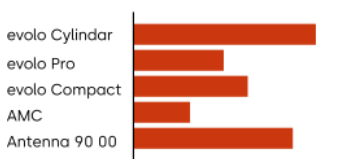
The column **active state** was exported twice in the default csv export of the online peripherals. This column is now in the main table of the device tree and is exported always. Therefore, the standard export configuration no longer contains this column.

### 2.3.3 Statistic: All devices per hostsystem and per tenant (PART-9366)

**ONLY internal information, not part of the "What's new" in the SHC GUI**

The Security and Health Check has been extended to include the option of evaluating the number of devices per system or tenant. The user interface displays all available diagrams in the navigation bar under the Diagrams menu item. The user must have the appropriate access right (GLBL-sqldata\_service) to see the menu items. A filter can be applied to display the resulting data diagram:

Hardware	<input type="text" value="all"/>
Tenant	<input type="text" value="all"/>
Hostsystem	<input type="text" value="all"/>
Customer	<input type="text" value="all"/>



Background process: During the upload, the SHC collects the hardware types used by the customer and stores them in the Statistics table. The upload activity itself is also stored. Only the host systems B-COMM, exos and MATRIX support hardware analysis.

### 3 Functionality provided during PI#26/27 (Feb 25 – Jun 25)

#### 3.1 Activation day: 2025-05-21

##### 3.1.1 B-COMM: Display and export directory and name of the SSH key (PART-9460)

The new B-COMM version provides three new values in the export datafile. These values are displayed in the following screens in the SHC.

###### Panel **System – System information**

- **Data directory (DE Datenverzeichnis):** Contains the data directory of the B-COMM installation.
- **Directory SSH keys (DE Verzeichnis SSH-Schlüssel):** Contains the ssh keys directory of the B-COMM installation.

###### Panel **Peripherals Online – Details – “Key value” details of terminals**









- **SSH Key ID:** Contains the ID of the SSH Key, not the Key itself. The property can be missing, empty or filled with a string value.

##### 3.1.2 exos: Change Standard columns for Peripherals Online and Standalone (PART-9693)

The columns displayed in the main table of the Peripherals Online and Peripherals Standalone have been changed for exos systems.

###### Panel **Peripherals Online**

The column “Active state” has been added between the columns “Device IP” and the evaluation result.

Device IP	Active state	
10.2.96.219		 
com0		
	active	 
	active	
10.2.103.101	inactive	 

###### Panel **Peripherals Standalone**

The columns “Type Id” and “Door No” have been removed from the main table. Instead, the combined property “Operation mode” has been added to the main table.

The **Operation mode** includes the values for Cardlink, OSS-SO, Whitelist and Wireless. If the value of a property is “true”, the name of the mode is written to the resulting value. If a value is missing, it is treated as false. Multiple values are separated by commas.

Example: <StandaloneComponent ... whitelist='false' cardLink='true' wireless='true'>

results in the value "Cardlink, Wireless".

Standalone Peripherals +

Name ↑↓	Type Name ↑↓	Hardware ↑↓	Firmware ↑↓	Operation Mode ↑↓	
AD01					
CardLink01	C-Lever Pro Legic Advant Wireless BLE E361 V4	evolo c-lever pro V4		Cardlink	
SIM-9001-01	C-Lever Legic Advant compact Wireless E320 V4	evolo c-lever compact V4		Whitelist, Wireless	
SIM-9001-02	C-Lever Legic Advant compact Wireless E320 V4	evolo c-lever compact V4		Whitelist, Wireless	

Note: All changes are only available in the "Current state" view.

### 3.1.3 exos: New property type for Registration Units for exos version 4.3.3 or higher (HSC-691)

In version 4.3.3 exos describes Registration Units with a new property type to differentiate the device types. This type shall be used to inform the user more properly about the hardware.

The type property already exists in older versions of exos but wasn't exported into the datafile. It has always the value "Registration unit 90 01" regardless of the real device type. Therefore, the SHC interprets the type "Registration unit 90 01" just as if no type is given for the registration unit like it is handled in datafiles of older exos versions.

The table shows the mapping between the types in the datafile and the hardware types in the SHC.

exos type	SHC hardware type	Comment
Registration unit 90 00	Antenna 90 00	
Registration unit 90 01	Antenna 90 0x Family	Is the default type, which has <a href="#">no</a> information about the hardware
Registration unit 90 01 BLE	Antenna 9001-K6	New type in SHC
Registration unit 90 02	Antenna 90 02 PIN	
Registration unit 90 03	Antenna 90 03	
Registration unit 90 04	Antenna 90 04	

Note: If Registration unit has the same address as the sub-device, it is treated as an internal reader of the subdevice. Therefore, it doesn't get an own hardware type.

### 3.1.4 Run CSV exports with one click (PART-9692)

A 'CSV export' button has been added to the header of the customer view, allowing you to export all panel data to CSV with a single click.

System: B-COMM  
Data from: 11/11/2022, 03:26:52 PM  
Version: 5.2.1 ●



Each export is saved in a separate CSV file, which are then collected in a zip file. The “Peripherals Online” and “Peripherals Standalone” panels are exported using the default export filter settings.

## 3.2 Activation day: 2025-04-28

### 3.2.1 MATRIX and B-COMM: New tab "Statistics" in "Peripheral Online" and "Peripherals Standalone" panel (PART-9439)

In the same way as for exos there is a new tab "Statistics" between the "Overview" and "Details" for MATRIX and B-COMM. The tab can be expanded and collapsed in the same way as the existing tabs. The user can export the content of the chart to a csv file.

### 3.2.2 exos: New properties for standalone devices (HSC-664)

The standalone devices have several new properties that are displayed in the details table and can also be selected for the csv export. The following properties are new:

Property	Type	English	German
whitelist	boolean	Whitelist	Whitelist
osso	boolean	OSS-SO	OSS-SO
wireless	boolean	Wireless	Wireless
Subnode EloMasterKey > name	string	Master Medium Name	Master Medium Name
Subnode EloMasterKey > type	string	Master Medium Type	Master Medium Typ
eModulBatteryState	number	Battery level (Programmer)	Batteriestand (Programmer)
eModulLastUpload	timestamp	Battery level (Programmer) Date	Batteriestand (Programmer) Datum
eModulBatteryLevel 1)	number	Battery level (Wireless)	Batteriestand (Wireless)
eModulBatteryLevelLastUpdate	timestamp	Battery level (Wireless) Date	Batteriestand (Wireless) Datum

1) if value is 255, this means external power supply

### 3.2.3 exos: Patch for "activeflag" and "state" in datafile (HSC-661)

The new exos version 4.3.3 patches the handling of the properties "activeflag" and "state" of devices in the datafile. The properties have the following meaning:

state: tells the user if the device is connected or not. Values are unknown, connected, disconnected

activeflag: tells the user if the hardware is active or not. Values are active, inactive

These flags are valid for the following hardware types in the datafile: SubStation, SubDevice and idmx.

Older exos versions don't export the state property for SubDevices and the activeflag is exported to the status property. This twisted logic is fixed in exos version 4.3.3.

The state is displayed in the detail table of a device as "connection state". It is optional for a csv export. The activeflag is displayed in the detail table of a device as "active state". It belongs to the

default configuration of a csv export.

Hardware which is inactive will be counted separately in the word report.

### **3.2.4 exos: Additional info about "Access domain" for access points (HSC-660)**

The new exos version writes the configuration of the access domains also into the node of an access point below a controller. This information shall be displayed in the detail table of an selected access point (e.g. <AccessPoint name="Amc101Dg01" accessDomainName="AD01" accessDomainNr="0">).

It is possible that two access points below an AMC controller (node type SubStation in the datafile) belong to different access domains. In this case the new flag "AMC in different access domains" is displayed in sub chapter System Information in chapter System. This is only valid for AMC controller, not for other device types.

### **3.2.5 exos: Category add-ons for several device types (HSC-663)**

The new property category is displayed in the details table of an online and standalone device. It is possible to export the property in the csv export. The property is valid for the following device types:

- Communication Hub
- Port
- SubDevice
- idmx
- AccessPoint
- RegistrationUnit
- BinaryInput
- BinaryOutput
- StandaloneComponent

### **3.2.6 MATRIX: Flag special software/TM Basic in Word report (HSC-683)**

The two flags "Special software" and "TP4-TMBasic" will be exported to the word report. The following values are possible:

- yes: if special software or TMBasic is used
- no: if no special software or TMBasic is used
- unkown: if no information is available

The settings will be printed in the report below the license settings.

### **3.2.7 Migration IAM "id.dormakaba.com" to "portal.dormakaba.com" (PART-9457)**

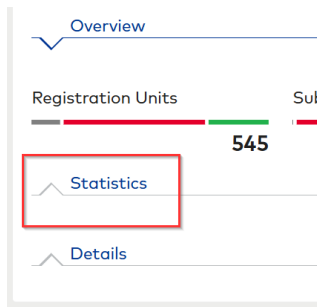
The existing IAM solution "id.dormakaba.com" was migrated to the new service "portal.dormakaba.com".

## 4 Functionality provided during PI#25 (Nov 24 – Jan 25)

### 4.1 Activation day: 2025-02-03

#### 4.1.1 exos: New tab "Statistics" in "Peripheral Online" and "Peripherals Standalone" panel (PART-9033)

There is a new tab "Statistics" between the "Overview" and "Details". The tab can be expanded and collapsed in the same way as the existing tabs.

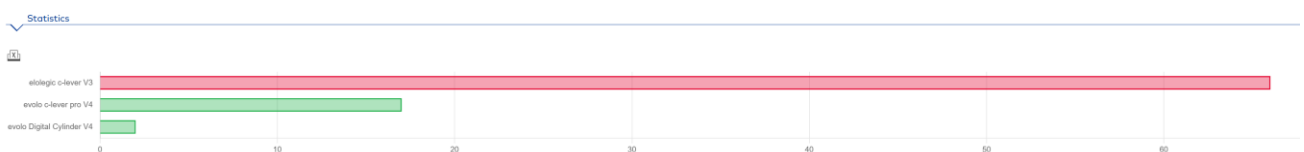
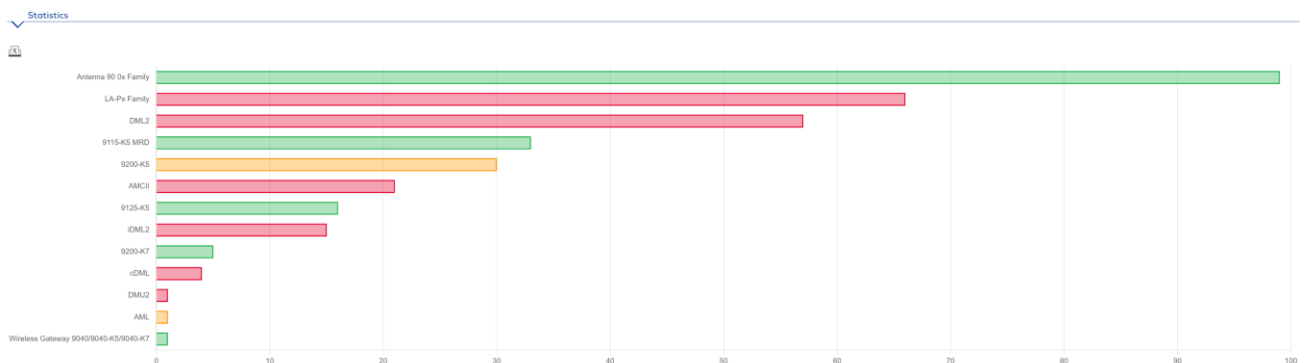


Note: You must recalculate the analysis for existing customer data.

**Evaluation outdated:** The evaluation rules of this scenario have changed since file upload. Should the analysis be recalculated?



The number and rating of the various hardware types is displayed in a bar chart. The y-axis contains the types, the x-axis the number. The color of the bars indicates the (hardware) rating red-yellow-green.



It is possible to export the raw data of a chart control into a csv file. Above the chart the GUI

displays a csv export button which opens a file dialog box to choose a file name into which the data is exported.

#### 4.1.2 exos Licenses: Special treatment for MKS license in exos version < 4.2.2 (HSC-666)

The hostsystem exos in versions smaller than 4.2.2 writes the used license count of MKS components differently into the datafile than exos in versions greater than 4.2.2.

The SHC now distinguishes between these two behaviours and no longer displays '0' as used count for versions lower than 4.2.2.

## 4.2 Activation day: 2024-12-09

#### 4.2.1 exos word report: All types of third-line products are counted (HSC-657)

Previously, only biometric verification readers were counted as 3rd-line products in the exos MS Word report. This has been extended to include all devices of the 3rd-line product type.

#### 4.2.2 Configuration CSV export - Details: New Default is "Export in columns" (HSC-659)

In the "Configuration CSV export" popup screen it can be configured in which format the SHC shall export the details of the online and standalone peripherals. The new default setting is "Export in columns" for all host systems. This was not consistent before.

#### 4.2.3 B-COMM: Additional detail infos (PART-8004)

The latest version of the B-COMM data collector exports some new fields for each device and for the media configuration. New fields for each device:

Field name	German	English
deviceDescription	Beschreibung	Description
reader1OSVersion	Leser 1 OS-Version	Reader 1 OS version
reader2OSVersion	Leser 2 OS-Version	Reader 2 OS version
reader3OSVersion	Leser 3 OS-Version	Reader 3 OS version

New fields for the media configuration:

Field name	German	English
IDFindstring	ID Findstring	ID findstring
CLFindstring	CL Findstring	CL findstring
ASFindstring	AS Findstring	AS findstring
MTBFindstring	MTB Findstring	MTB findstring
BIOFindstring	BIO Findstring	BIO findstring

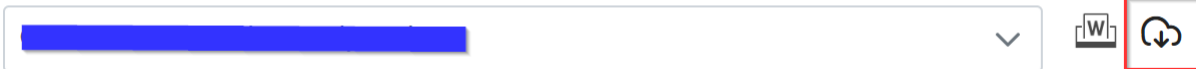
#### 4.2.4 B-COMM HCM: MS Word document generation (PART-9038)

The user can generate a MS Word report of a B-COMM HCM customer, if the Current State scenario is selected in the detail view of the SHC. Generating the report works in the same way corresponding to the other supported host systems.

#### 4.2.5 Download JSON/XML files in single customer view (PART-8908)

The user can download the last uploaded data file of a customer in the customer detail view. The header area in the GUI has been extended by a new Download data file button for downloading the file.

Version: 4.2.2.402 ●



## 5 Functionality provided during PI#24 (Aug 24 – Oct 24)

### 5.1 Activation day: 2024-10-01

#### 5.1.1 Terminal 96 00-K7 (and 98 00-K7) for B-COMM (HSC-624)

The classification of the hardware and firmware of the new terminal generation 96 00-K7 and in preparation 98 00-K7 with HR40 client has been added for B-COMM system. Both properties, hardware and firmware, are currently rated as green. Note: Terminal type 98 00-K7 is not yet released.



#### 5.1.2 exos: New detail "Serialnumber" for online devices (HSC-635)

There is a new attribute "Serialnumber" per device in the details of "Peripherals Online". This attribute is available in the CSV export too.

#### 5.1.3 exos: Table "Version history" in panel "System" (HSC-636)




The new exos version exports information about the update history of the exos system. This history is displayed in a new table in the System panel.










Version history  

Installation date 	Version 
29.04.2024, 07:13:00	4.3.2.337
29.04.2024, 07:13:00	4.3.2.336
29.04.2024, 07:13:00	4.3.2.335





#### 5.1.4 exos and MATRIX: Identifying wireless gateway 9040 K5 and K7 (HSC-637, HSC-640, HSC-644)

The firmware string of a wireless Gateway delivers new information about the product type. This also allows the distinction between the wireless Gateway 90 40-K5 and the wireless Gateway 90 40-K7.

Online Peripherals   

Address 	Name 	Type 	Hardware 	Firmware 	Device IP 	
10100170001	Idm117Dg01 Erfassungseinheit/Leser außen	RU	Antenna 90 0x Family			
		Door				
10100170001	Electric Strike	DO				
	Generate Passage Completed	VP				
		Inside				
W011058	SIM-9001	WGW9040K7	Wireless Gateway 9040-K7	4.10.3.0 2021-12-22 SIM (HW: CHRMAW01026, OS: Microsoft Windows NT 6.2.9200.0, RFS: SIM, ZB: SIM, ZBCH: SIM)	127.0.0.1	
W01105801	SIM-9001-01	Access Point				

SIM-9001 	
Description 	Value 
Access Domain Name	AD01
Access Domain No.	0
Active Flag	inactive
Address	W011058
Device IP	127.0.0.1
Device Type	WGW9040K7
Firmware	4.10.3.0 2021-12-22 SIM (HW: CHRMAW01026, OS: Microsoft Windows NT 6.2.9200.0, RFS: SIM, ZB: SIM, ZBCH: SIM)
Hardware	Wireless Gateway 9040-K7 
LEGIC info	
Media Group Name	

Example of a firmware string: "4.14.0.39 2024-02-08 (Product: 9040-K5, Model: MGW101, HW: 3.0.3, OS: Linux 5.10.85, RFS: 3.1.384-3.1.21-dormakaba20240206, ZB: 3.12.18, ZBCH: 25)"

The fields in the example have the following meaning:

- Firmware Version: 4.14.0.39 2024-02-08
- Product: 9040-K5
- Model: MGW101
- Hardware: 3.0.3
- Operating System: Linux 5.10.85
- Root File System: 3.1.384-3.1.21-dormakaba20240206
- ZigBee Version: 3.12.18
- ZigBee Channel: 25

### 5.1.5 exos: New hardware types Antenna 90 02 PIN und LT-PN (HSC-634)

For exos systems, the two new hardware types **Antenna 90 02 PIN** and **LT-PN** have been added for readers with a keyboard. The hardware type Antenna 90 02 PIN already exists in the SHC. The type LT-PN is a new type.

If a registration unit has a child node of type "keyboard", it should receive one of the two PIN reader types. The connection of the keyboard is not important. If the registration unit is of the Antenna 90 0x Family hardware type, it gets the Antenna 90 02 PIN hardware type. If the registration unit is of the hardware type LA-Px Family, it gets the hardware type LT-PN.

A new evaluation rule has been created for the hardware type LT-PN. The result of the evaluation is "red". A new block has been created in the Word template for both hardware types.

### 5.1.6 MATRIX: Adaption of the Word report template for Terminal 96 00-K7 (HSC-622)

The classification of the hardware and firmware of the new terminal generation 96 00-K7 and in preparation 98 00-K7 with HR40 client has been added for MATRIX system. A new block is available in the Word report template for the new terminal type.

### 5.1.7 New Word report templates for exos, B-COMM, MATRIX and B-COMM HCM / b-comm ERP (HSC-642)

The Word report templates of the systems exos, BCOMM, MATRIX and B-COMM HCM / b-comm ERP were changed.

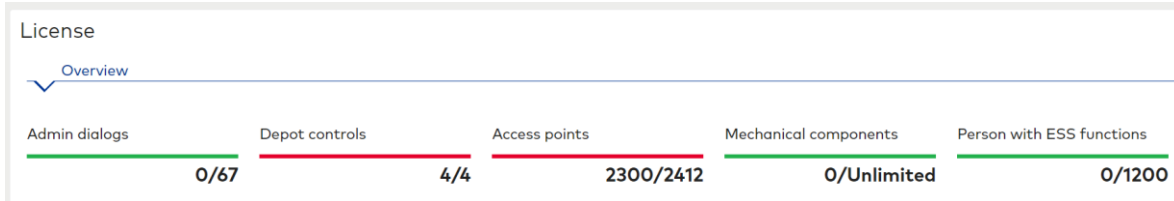
- MATRIX: The new template contains pictures for the new device 96 00-K7
- B-COMM HCM / b-comm ERP: The new template contains now also the host system name B-COMM HCM
- B-COMM: The new template contains a new block for the new device 96 00-K7.
- exos: The new template contains a new block for the device 90 40-K5.

## 5.2 Activation day: 2024-09-02

### 5.2.1 exos: New way of displaying exos licenses in the SHC (PART-8626)

#### License overview

The license overview has been modified so that all licenses with a counter are displayed, not just selected licenses. The 'upgrade license' is no longer displayed. The text below the bar indicates the ratio between the number of licenses used and the maximum number of licenses, for example 23/50.



#### License details

The detailed view of licenses has been modified so that all licenses are contained in one table (the maximum number of system licenses and the assigned number of licenses for each tenant). If a license has a number of "0", it is no longer displayed in order to maintain clarity.

The first column contains the license name, the second the result of the evaluation, the third the maximum number of licenses in the system, the fourth the number of licenses used for all clients. This column must be calculated using the number of licenses used for each client.

Quantity licenses ⌵ (ix)

		Maximum Amount System Licenses <span>⌵</span>	From Tenants used amount <span>⌵</span>
Access points	●	2412	2300
Admin dialogs	●	67	0
Depot controls	●	4	4
Mechanical components	●	Unlimited	0
Person with ESS functions	●	1200	0

The evaluation rule for licences is (percentage of licences used):

- < 80% green
- 80% to 90% yellow
- > 90% red

If the system has more than one tenant, the following columns contain the number of assigned and used licenses for each tenant.

Quantity licenses							
		Maximum Amount System Licenses	From Tenants used amount	Assigned to DEFAULT_CLIENT	Used by DEFAULT_CLIENT	Assigned to DEFAULT_CLIENT2	Used by DEFAULT_CLIENT2
Access points	●	2048	5	99	5	102	0
Admin dialogs	●	999999	0	99	0	99	0
Cabinet lock free selection	●	99	0	9	0	3	0
Depot controls	●	99	1	99	1	0	0
KONE Access 1000 - Max. (current) number of readers	●	33	0				
Licensed persons for SAP connector	●	999999	1	999999	1	999999	0
Mechanical components	●	9999999	43	9999999	23	9999999	20
Number of digital keys pro per person (all doors)	●	7	0				
Number of digital keys pro per person (online and wireless doors)	●	5	0				
Number of digital keys pro per visit	●	3	0				
Number of persons	●	499	47	499	42	499	5
Person with ESS functions	●	999999	0	99	0	100	0
T&A person	●	999999	0	2	0	1	0
Tenants	●	3	6				
Thirtparty OSS-SO Peripherie	●	4	0	3	0	1	0

### 5.2.2 exos – Word report generator: Registration units that belong to an update terminal should not be counted (HSC-638)

The Word report generator should not count any registration units that belong to an update terminal. Update terminals are of the following device types: 9605-K5, 9605-K6, 9700-K5, B-web 93 00 and B-Net 93 00.

### 5.2.3 exos: Changes in hardware identification of old hardware (HSC-627)

Changes have been made to the hardware identification of old hardware. The firmware is not relevant for the evaluation of the following types. The devices are no longer being maintained and are rated as 'red':

DeviceType in xml	Hardware type
BN9104	B-Net 91 04
9105	Bedas 91 05
9105N	Bedanet 91 05
BN9105	B-Net 91 05
9110	Bedas 91 10
9120	Bedas 91 20
BN9120	B-Net 91 20
BN9120FP	B-Net 91 20 FP
9120N	Bedanet 91 20
9120FP	Bedanet 91 20 FP
9130	Bedas 91 30
LK12	LK-12

## 6 Functionality provided during PI#23 (May 24 – Jul 24)

### 6.1 Activation day: 2024-07-16

#### 6.1.1 exos: New detail "Specification" for devices (PART-7950)

There is a new attribute "Specification" per device in the details of "Peripherals Online" and "Peripherals Standalone". This attribute is available in the CSV merge too and the file can contain two columns, hardware, and specification. The more precise specification of the devices means that a lot of manual reworks is no longer required when analysing.

The screenshot shows the 'Peripherals Online' interface. At the top, there are navigation tabs: Overview, Registration Units (22), Sub Devices (22), Passageways (22), Sub Stations (4), and Communication Hubs (1). Below this is a 'Details' section for 'Online Peripherals'. A table lists several devices, with the 'Schranke Einfahrt' device (E01050101) selected. The detailed view for this device shows various attributes: Address (E01050101), Name (Schranke Einfahrt), Type (Access Point), Hardware (91 04/91 10 MRD), Firmware (cDML 161180BA), and Device IP. A 'Specification' field is highlighted with a red box, showing the value 'cDML Mode'. Other fields include LEGIC info (SC-2560 OS: 4.2.0.0), Name (Schranke Einfahrt), Number of IC8 (0), Number of OC8 (0), State (active), and Type Code (SD).

The new field "Specification" is selected by default for the csv export of online peripheral devices.

The screenshot shows the 'Details' export options dialog. The 'Export rated details' checkbox is checked. Under 'Export details:', the 'Specification' field is highlighted with a red box. Below this, there are three radio button options: 'Export all details in one cell' (unselected), 'Export in lines' (unselected), and 'Export in columns' (selected). At the bottom, there is a button labeled '+ Merge with csv file' which is also highlighted with a red box.

This field is a new condition for the csv merge: The fields Hardware and Specification are linked with an AND operation. If the Specification column is not listed in the csv merge file, the previous evaluation remains based on the hardware type only.

Evaluation rules:

- If the hardware type (SHC internal: derivedDeviceType) is 9125-K5 and the firmware contains the string 161150B than the device shall get the specification DML2 Mode.
- If the firmware of a subdevice of a 9200-K7 doesn't start with A, B or M, the 9200-K7 shall

get the specification AMC Mode.

- If the hardware type (SHC internal: derivedDeviceType) is 91 04/91 10 MRD and the firmware contains the string 161180B, then the device shall get the specification *cDML Mode*.
- If the hardware type (SHC internal: derivedDeviceType) is AML or 9200-K5 and the firmware is smaller than AAMB 03.02.011 (for AML) or BAMB 03.02.011 (for 9200-K5) the device shall get the specification Silverlight.
- If the hardware type (SHC internal: derivedDeviceType) is AMC, AMC PC104, AMCI I or AMCI I PC104, the device \*\* shall get a specification for the license count. The License count is coded in the firmware string of the device. The firmware string starts with AMC followed by the license count (e.g. AMC16 2.1.12 A KA-7). The device shall get the specification AMC license count. E.g. AMC 2 or AMC 16.
- Registration units with a child node of type BiometryVerify shall get the specification Biometry Verify.
- If the hardware type (SHC internal: derivedDeviceType) of a standalone component contains V3 and the firmware string is just a decimal number (e.g 3.56) and the number in front of the decimal point has two digits, the device shall get the specification V4 in V3 mode.

#### **6.1.2 exos hardware identification: RegUnits (compact reader) revised (HSC-606)**

Registration units of a compact reader should not have their own hardware type (derivedDeviceType in SHC internally). This field then remains empty.

The following rule is used to identify such registration units: If the first nine characters of the address of the registration unit are the same as the address of a SubDevice above the registration unit, no hardware type is assigned to this unit.

#### **6.1.3 exos hardware identification: RegUnits (wireless gateway) revised (HSC-607)**

Registration units of a wireless gateway should not receive their own hardware type (derivedDeviceType in SHC internally). This field then remains empty.

The following rule is used to identify such registration units: If the address of a registration unit begins with a "w", no hardware type is assigned to this unit.

#### **6.1.4 exos hardware identification: 3rd Line Product (RS-232) for RegistrationUnits with BiometryVerify (HSC-608)**

Registration units with a subordinate node of the type "BiometryVerify" receive a new subordinate node in the "Peripherals Online" panel of the type "Biometry Verify". The hardware type of the new node is "3rd Line Product (RS-232)". Accordingly, a new module has been created in the Word template for the hardware type.

#### **6.1.5 exos hardware identification: New hardware type Kaba exos Lock (HSC-609)**

The Kaba exos Lock fitting type has been added to the SHC, including the evaluation rule. The type is rated as "red". A new module was not created in the Word template.

## 6.1.6 B-COMM hardware identification: Extension for 9115-K5 Mifare and 9110-K5 Mifare (HSC-620)

The hardware classification rule was extended for the following online devices:

- if a device has the deviceType Subterminal and the firmware starts with 852-, the device shall be classified as a 9115-K5 Mifare
- if a device has the deviceType Subterminal and the firmware starts with 854-, the device shall be classified as a 9110-K5 Mifare

## 6.2 Activation day: 2024-06-17

### 6.2.1 Availability of B-COMM HCM as a new System in the Security and Health Check (PART-7924)

B-COMM HCM is available as a new system in the Security and Health Check (SHC). Accordingly, data collected in a B-COMM HCM system can be uploaded into the SHC as a JSON file. The system identifier in the SHC is "B-COMM HCM".

tandort ↑↓	System ↑↓	SYS	MEI
latz 1, 58256 il, DE	B-COMM HCM	●	

Essentially, the range of functions and the design of the panels correspond to the b-comm ERP system.

### Customer (overview)

Identification ↑↓	Customer ↑↓	Location ↑↓	System ↑↓	SYS	MED	PER	Collection timestamp ↑↓	Upload timestamp ↑↓	User ↑↓
x7LFOkHYdpwi+u+Rzq...	dormakaba International Holding GmbH	Dorma Platz 1, 58256 Ennepetal, DE	B-COMM HCM	●		●	04/04/2024	05/16/2024, 08:28:52 AM	

### Header

The header area is like b-comm ERP and the upload of data from B-COMM for the selected customer is possible.

Scenario: Current state: Check that the entire system and some parameters are up to date

dormakaba International Holding GmbH, Dorma Platz 1, 58256 Ennepetal, DE

System: B-COMM HCM  
Data from: 04/04/2024, 08:33:51 AM  
Version: 7.1.0 ●

Comment

[Upload B-COMM File](#)

## System

### System

[Details](#)

Last Update: 04/03/2024, 01:24:55 PM

#### System information

Description	Value
Build number	1
Customer version in use	<input type="checkbox"/>
Database type	SQLServer
Java vendor	Oracle Corporation
Java version	17
Operating system	Windows Server 2019
Operating system architecture	amd64
Operating system version	10.0
Server Ip	10.244.4.134
Server name	azwe00227

#### Memory

Description	Free	Total
C:\	83 GB	126 GB
D:\	29 GB	31 GB
F:\	87 GB	127 GB
Java Memory	432 MB	2048 MB
R:\	251 GB	254 GB
S:\	61 GB	62 GB
T:\	62 GB	62 GB

## License

### License

[Details](#)

Platform: Windows Server 2019  
Company name: dormakaba International Holding GmbH

#### Licensed B-COMM HCM options

Description	Max. user	Expiration date	Valid
System user	12	12/31/9999	<input checked="" type="checkbox"/>
System admin	1	12/31/9999	<input checked="" type="checkbox"/>
Production planning	800	12/31/9999	<input checked="" type="checkbox"/>
Process industry	800	12/31/9999	<input checked="" type="checkbox"/>

## Peripherals Online

### Peripherals Online

[Overview](#)

dormakaba Terminal 9700	dormakaba Terminal 9600	9700-K6 B-Client HR30	B-Net 92 50 B-Client AC2	Subterminal 9150-K5 (MRD)	Subterminal B-Net 91 05 FP	B-Net 92 90-2 B-Client AC3
1	1	15	2	2	1	2
Subterminal 9150-K5	9290-K5 B-Client AC30	9200-K5 B-Client AC30	9600-K6 B-Client HR20	9700-K6-A9 B-Client HR30	Bedanet 93 60 B-Client HR3	9700-K5 B-Client HR30
6	1	8	2	6	1	4
9700-K6-A10 B-Client HR30	B-web 93 00 B-Client HR10	B-eco B-Client PDC6	B-web 95 00 B-Client PDC10	Bedanet 95 80 B-Client PDC5	Subterminal Bedanet 91 04	Subterminal 9110-K5 (MRD)
3	5	33	9	2	2	14
Subterminal 9115-K5 (LEA)	Subterminal 9115-K5 (MRD)	Subterminal	Subterminal 9110-K5 (LEA)	B-Net 93 40 B-Client HR2	Bedanet 95 60	Bedanet 95 40 B-Client PDC3
6	2	3	12	1	4	1
9600-K5 B-Client HR20	9600-K7 B-Client HR40 w/o SSH					
1	2					

[Details](#)

#### Online Peripherals

Terminal ID	Device type	Firmware	IP Address
10644	9600-K7 B-Client HR40 w/o SSH	739-00-X-E00 0007cc1a579f	10.10.13.231
10644	9600-K7 B-Client HR40 w/o SSH	739-00-X-E00	10.10.9.129

The Peripherals Online panel gets its data either from the B-COMM HCM datafile if no B-COMM datafile is uploaded or from the uploaded B-COMM datafile.

Note: If the B-COMM HCM datafile is used for the Peripherals Online panel, no hardware

classification is supported. The hardware classification is only available for B-COMM datafiles. The creation of a Word document is not yet supported for B-COMM HCM.

## Recommended Actions

The screenshot shows a dashboard titled "Recommended Actions" with two main sections: "System" and "Peripherals Online".

**System Status:** A progress bar shows "System" at 0 and "Peripherals Online" at 111. A notification icon is present in the top right.

**System Table:**

Description	Recommended action	
Hostsystem	OK. No action required.	●

**Peripherals Online Table:**

Terminal ID	Property	Recommended Action	
10494	Firmware	The firmware 735-05-X-K04 is still in maintenance but not up to date. Check an update to the current version 735-07-X-K00.	●
10495	Firmware	The firmware 735-05-X-K06 is still in maintenance but not up to date. Check an update to the	●

A "Matches: 111" indicator is visible in the bottom right of the Peripherals Online table.

### 6.2.2 Terminal 96 00-K7 and Terminal 98 00-K7 available in MATRIX (PART-7546)

The evaluation of the hardware and firmware information of the new Terminal 96 00-K7 and Terminal 98 00-K7 has been added for MATRIX.

Note: The Terminals are only added to the Word template for creating a customer-specific Word file once the Terminals have been released.

### 6.2.3 Very large datafiles could not be uploaded (HSC-623)

With very large files, the user received the error message "413 - Payload too large" when uploading a file. The bug has been fixed.

## 7 Functionality provided during PI#22 (Jan 24 – Apr 24)

### 7.1 Activation day: 2024-04-02

#### 7.1.1 b-comm ERP: Combined display with B-COMM information (PART-6518)

The complete evaluation of a b-comm ERP customer is now possible via one customer reference instead of two. This means that there is now only one entry per b-comm ERP customer in the customer selection list and no longer another one for the display of the B-COMM data.

The header panel of a b-comm ERP customer was extended by two new buttons to upload and view the corresponding B-COMM datafile. The button to view the B-COMM file is only visible if a datafile was uploaded before. The upload button can be used to upload the datafile the first time and to update it. Only B-COMM datafiles are accepted.

Scenario: Current state: Check that the entire system and some parameters are up to date

ERP Customer 1, Albertistrasse 3, 78056 Villingen-Schwenningen, DE

System:	b-comm ERP	Comment
Data from:	03/01/2021, 07:40:11 AM	
Version:	6.1.11 ●	

📄

**Upload B-COMM File**

---

File upload

📄 b-comm\_1.json

**Connect to ERP Customer 1**

To view the details of the B-COMM file the user must click the "Open B-COMM File" button in the header of the b-comm ERP customer.

ERP Customer 1, Albertistrasse 3, 78056 Villingen-Schwenningen, DE

System:	b-comm ERP
Data from:	03/01/2021, 07:40:11 AM
Version:	6.1.11 ●

📄

**Upload B-COMM File** **Open B-COMM File**

The "Peripheral Online" panel is hidden for a b-comm ERP customer without linked B-COMM data.

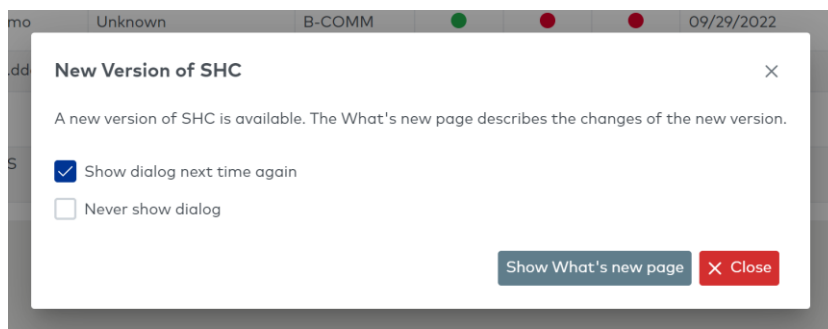
This panel and the recommended action for devices is only displayed if linked B-COMM data is available. The content of the "Peripheral Online" panel is identical to the content of the same panel of B-COMM customers.

### 7.1.2 About SHC - What's new (PART-2903)

There is a new page "What's new", which describes newly added functions of the Security and Health Check (SHC). The information is only available in English, not in German.

#### Popup after Login

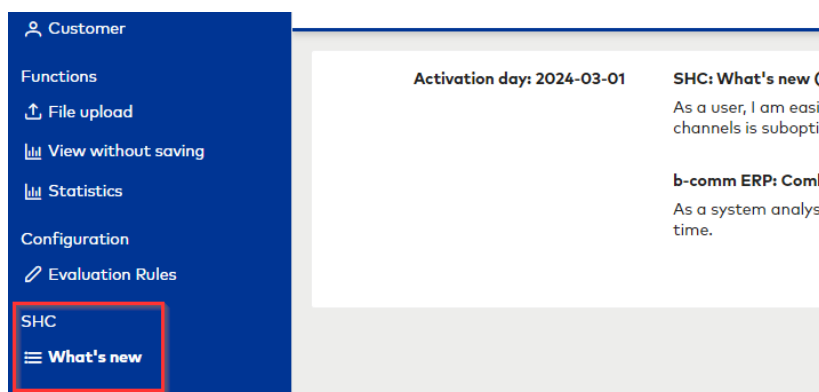
When a new version of the Security and Health Check (SHC) (with new features) is deployed, a pop-up dialogue is displayed to the user of the SHC when the user opens the SHC for the first time after deployment. The pop-up dialogue indicates that new features are available. The user can open the "What's new" page.



The user can close the dialogue and decide whether the dialogue should be displayed again when he opens the SHC again. It is also possible to decide that the pop-up dialogue should never be displayed.

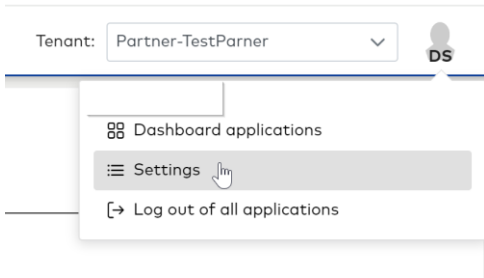
#### Menu topic and Release Notes page

The menu on the left-hand side contains a new menu item SHC > What's new, which leads to the new "What's new" page. The page contains the most important functions of a new version of SHC.

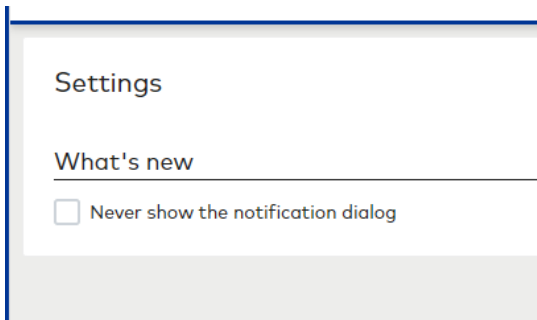


#### Avatar menu

The Avatar menu gets a new menu item "Settings" which opens the settings page of the SHC.



The user can choose if the popup dialog of What's new is never shown or if it shall be shown if a new version of the SHC is deployed. These settings are stored in the local storage of the Browser.



## 8 Functionality provided during PI#21 (Nov 23 – Jan 24)

### 8.1 Activation day: 2023-12-13

#### 8.1.1 exos: More detail information (PART-6752)

Detail information for the exos system has been added.

**Important Note:** The precondition is the new version of the exos data collector, which has been expanded to include the corresponding values.

- The new field "exportdatetime" in the exos data file shall be used as data collection date ("Data from" in the header and collection timestamp on the overview page). The file date is only used for backward compatibility if the field "exportdatetime" is missing.

#### New Panel **System**

There is a new "System" panel for exos (like for MATRIX).

- Installation date: The new "Installation date" field from the exos file is displayed on this panel.
- The following values have also been added to the "System" panel:
  - Multi Profile
  - Profile Collection
  - Security Level
  - Mobile Access
  - Balancing
  - Anti Pass Back

System	
Details	
System information	
Description	Value
Anti Pass Back	<input type="checkbox"/>
Balancing	<input type="checkbox"/>
Installation date	09/26/2023, 10:57:00 AM
Mobile Access	<input type="checkbox"/>
Multi Profile	<input type="checkbox"/>
Profile Collection	<input type="checkbox"/>
Security Level	<input type="checkbox"/>

#### Peripherals

- The detail table and the csv export of the online peripherals have been expanded to include several new fields:
  - Access Domain Name (for SubStation, idml, idmx)
  - Access Domain Number (for SubStation, idml, idmx)
  - Mobile Access (for RegistrationUnit)
  - BLE (for RegistrationUnit)
  - NFC (for RegistrationUnit)
  - Room id and name for Outside and Inside nodes
  - Balancing for Outside and Inside nodes
  - Anti Pass Back Time for Outside and Inside nodes

8153_FG_020_00_001_Person Erfassungseinheit/Leser auße	
Description	
Address	10100010101
BLE	<input checked="" type="checkbox"/>
CardLink Function	invalidate
Hardware	Antenna 90 0x Far
Mobile Access	<input checked="" type="checkbox"/>
Name	8153_FG_020_00_ Erfassungseinheit,
NFC	<input checked="" type="checkbox"/>
State	active
Type Code	RU

- Several new fields have been added to the detail table and the csv export of the standalone peripheral devices:
  - Serial number
  - Mobile Access
  - BLE
  - NFC
  - Intervention Mode
  - PassLock
  - S-Module
  - Escape Return
  - OiF active (Object in field)

### 8.1.2 exos: Front server load (PART-6012)

The workload of each communication hub shall be calculated and added as new value in the details table. If the value of the calculated workload is above 500 points the workload property is evaluated as red. Also, the evaluation of the communication hub gets an additional message entry that the workload is too high.

Firmware	Device IP	
	10.4.6.26	
	10.4.6.25	

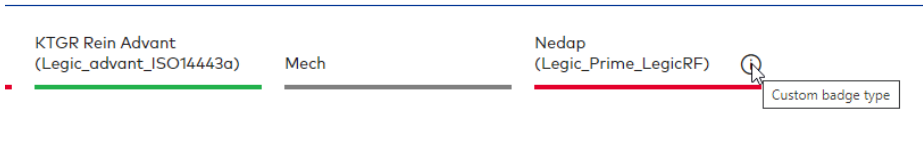
CH01	
Description	Value
Address	F01
Name	
Network Name	exosbkb01-p
Server IP	10.4.6.26
State	active
Type Code	FS
Workload	627.5

Peripherals Online				
Name	Address	Property	Recommended Action	
Matches: 2				
CH01	F01	Workload	The workload of the communication hub is to high	

### 8.1.3 exos: Highlighting a non-standard badge in the overview (PART-6022)

The overview part of the chapter media shall show if the customer uses a customer specific badge type. To visualize this, the entry for the corresponding badge type gets an information icon in the right corner. If the user hovers the mouse over the icon the text Custom badge type is shown as tool tip.

Note: A custom badge type contains the flag "mediasubcode" with the value "custom" in the datafile.



### 8.1.4 Hardware type 3rd Line Product (RS-232) for exos (HSC-581)

Devices with the device type RU shall be classified with the hardware type 3rd Line Product (RS-232) when the address of the device ends with 03 or 04. These devices are no antenna. The hardware type isn't evaluated and is shown in grey.

### 8.1.5 exos: Hardware classification of 9230 and 9290 (HSC-582)

The classification of the hardware is changed for 9230 and 9290 devices. The following rules are valid:

- deviceType /AMSD[LM]/ and and firmware identifier BAMB > 9230-K5
- deviceType /AMSD[LM]/ and and firmware identifier BAME > 9230-K7
- deviceType /AMSC[LM]/ and and firmware identifier BAMB > 9290-K5
- deviceType /AMSC[LM]/ and and firmware identifier BAME > 9290-K7

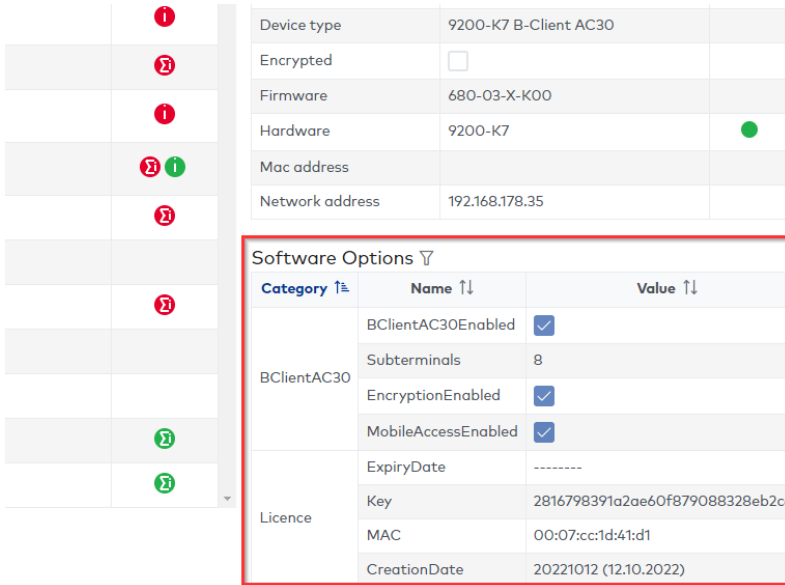
### 8.1.6 Report (exos + MATRIX): Fix some misleading wordings (HSC-481)

The exos and MATRIX template contained some misleading wordings. These have been improved.

## 8.2 Activation day: 2023-11-06

### 8.2.1 B-COMM: Terminals extended by sop.ini information (PART-6511)

The content of the sop.ini parameters of a device is shown in the additional table "Software Options" below the details table if a device is selected and the sop.ini information is available in the data file. The table has the three columns Category, Name and Value.



The screenshot shows a device details page with a table of hardware information and a 'Software Options' table. The hardware table includes fields for Device type, Encrypted, Firmware, Hardware, Mac address, and Network address. The 'Software Options' table is highlighted with a red border and contains columns for Category, Name, and Value. It lists parameters for BClientAC30 and Licence.

Device type	9200-K7 B-Client AC30	
Encrypted	<input type="checkbox"/>	
Firmware	680-03-X-K00	
Hardware	9200-K7	●
Mac address		
Network address	192.168.178.35	

Software Options ▾		
Category ↑	Name ↑↓	Value ↑↓
BClientAC30	BClientAC30Enabled	<input checked="" type="checkbox"/>
	Subterminals	8
	EncryptionEnabled	<input checked="" type="checkbox"/>
	MobileAccessEnabled	<input checked="" type="checkbox"/>
Licence	ExpiryDate	-----
	Key	2816798391a2ae60f879088328eb2c6
	MAC	00:07:cc:1d:41:d1
	CreationDate	20221012 (12.10.2022)

The content can also be exported to the Excel file. The user can configure whether to export the content or not. If yes, the SHC exports the three columns SOP category, SOP name and SOP value for each device to the Excel file.

### 8.2.2 exos report: Classify devicetype AMM with firmware BAME as 9200-K7 (HSC-579)

A device with the devicetype AMM and the firmware BAME shall be counted as a 9200-K7 device in the exos report.

## 9 Functionality provided during PI#20 (Jul 23 – Oct 23)

### 9.1 Activation day: 2023-10-04

#### 9.1.1 MS Word document Generation: MATRIX - Additional element for TP1 S6I reader (HSC-563)

The template of the MATRIX report needed an additional element for TP1 S6I reader. This device wasn't counted.

#### 9.1.2 Excel Export - Peripheral Online + Standalone: Extend by mergeable CSV file (PART-6463)

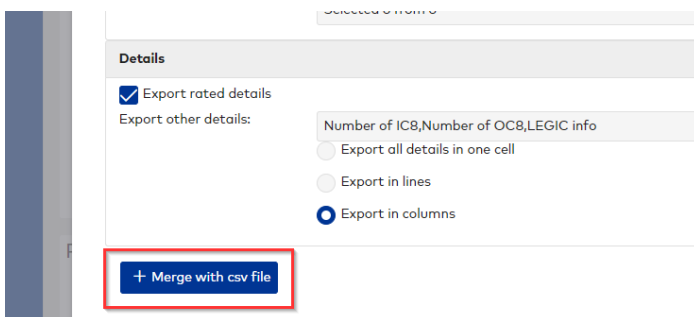
The csv export of the online and standalone devices has been extended to merge the result of the export with another csv file that contains further information on a specific hardware type (for example successor devices, prices, notes).

This file must contain the hardware identifier in the first column, which is used as a filter, so that the other columns are only merged into one row if the condition is met. The first cell (first row, first column) must contain the name "Hardware". The other rows of the first columns contain the hardware identifiers for which further information is to be added.

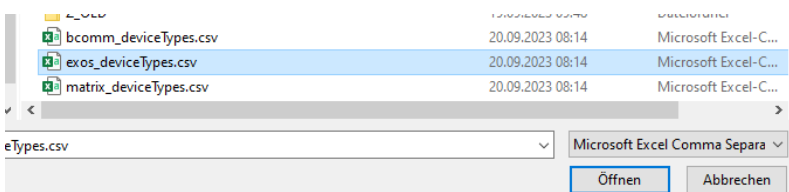
	A	B	C	D	E
1	Hardware	Successor device	Price for hardware	Price for service	Notes
2	B6L-19 Inch	9290-K7	1000		200
3	S6R	9110-K5	250		150 Lorem ipsum

**Note: The creation of the csv file and the determination of the other columns and contents is the responsibility of the RMOs and users.**

After clicking the Export list button, the new button "Merge with csv file" is offered on the "Configuration CSV export" page, if the user has the user right (see below). Older assessments need to be updated to have the button available.



After pressing the button, the file selection page opens. The CSV file (which must comply with the specifications) can be selected.



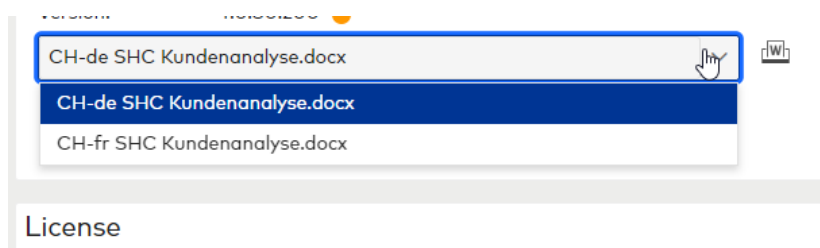
The button displays the name of the file and with click on the Export button the export is started. In the resulting CSV file, the list of devices is merged with the supplementary information. The columns are appended on the right.

2	Kaba Group Header (KGH) (0202B006)							
E01010101	Major 97 Tor Access Point		Σ: Green					
	Outside		Σ: Green					
E01010101	Major 97 Tor RU	Antenna 90 0x Family	Green	OK. No action required.	Green	OK. No action required.		250 Lorem ipsum
	Door							
E01010101	Electric Strik DO							
	Inside							
FN1010102	Mainr 97 Tor Access Point		Σ: Green					

Merging the csv export of the online and standalone devices with another csv file is protected with an **additional user right**. The button in the csv export screen for merging the files is only visible if the user has the right "GLBL-csv\_merge\_service".

### 9.1.3 MS Word Generation: French template for exos (HSC-571)

The host system exos has a new template in french, too. The user can choose which template he wants to use.



### 9.1.4 MS Word Generation: Extensions of templates (B-COMM, exos, MATRIX) and evaluation of hardware type (HSC-570)

- The template for B-COMM gets a new brick for subterminals with the firmware 834-xx without a detailed deviceType description. If the deviceType of such a terminal is just "Subterminal" and the firmware is 834-xx, it shall be counted as a terminal of type 9104/911x. For these devices there is a new evaluation rule for the new hardware type.
- Devices with the firmware 835-xx shall be counted as 9115-K5 (MRD). Sometimes a device has just the device type "Subterminal" or Subterminal 9115-K5 (REMP) and the firmware 835-xx.
- Some dates in the bricks are updated to be consistent between B-COMM and exos
- In the exos template the recommended SQL Server shall be SQL Server 2022 instead of 2019.
- In the MATRIX template the brick of the L6 D - VT3 device contains a typo. It must be TP1 bus instead of DP1.

### 9.1.5 Evaluation rules: New column "Last change" (HSC-565)

The table with the evaluation rules has been extended by a column "Last change". The evaluation rule object, which is delivered by the backend was extended by the field of the last change. The GUI can use the field than to show the last change in the new column.

### 9.1.6 MATRIX: Assessment and action instruction for <Hardware> (PART-6504)

For the MATRIX system, the panels for "Peripherals Online" and "Peripherals Standalone" have been extended to determine the hardware type. The determination of the hardware type was already applied for the Word template but was not available in the web interface until now and not configurable. The hardware type is determined from various information that also refers to identifiers in the firmware of the device.

The evaluation in the traffic light system has been extended to the effect that, in addition to the actuality of the firmware, the actuality of the hardware is also included in the display. The principle that the worse rating has priority is kept. If, for example, a hardware is discontinued but has the current firmware, the traffic light is red.

The table in the panels for "Peripherals Online" and "Peripherals Standalone" has been extended by the new column "Hardware". The column containing the rating of the device (traffic light column) has been moved to the end of the table. The rating contains the cumulative rating of the firmware and hardware.

The overview section in the online and standalone panels has been changed so that the actuality of the hardware is included in the color rating in addition to the actuality of the firmware.

If the assessment of the hardware leads to a recommended action, this action is also taken over for the panel Recommendations for action.

### Actual status of the hardware evaluation rules

The rules are configurable with the GUI of the SHC so that the user can configure the rating of the hardware (red, yellow, green). Only the global rules are defined. Each RMO can derive their rules from these global rules.

### Online components

Device Type	Rating	Suggested Device Type
Antenna 90 0x Family	green	
Antenna 90 02 PIN	green	
B6L-19 Inch	yellow	9290-K7
B6L-19 1 MUXD	yellow	9290-K7
B6L-19 2 MUXD	yellow	9290-K7
B6L-4P	yellow	9290-K7
B6L-RR	red	9290-K7
B6L-RR-15	red	9290-K7
B6L-WM	yellow	9290-K7
B6R-19 Inch	yellow	9290-K7
B6R-HS	yellow	9200-K7
B6R-WM	yellow	9290-K7
In 15	red	-
I/O 4/4	red	91 25
I/O 9/8	yellow	9200-K5
L6D	red	9600-K6
L6L	yellow	9600-K6
L6R	red	9600-K6
LAN-RTC-TP3	red	-

LAN-RTC-TP4	yellow	-
M6 Box	red	9230-K7
M6D	yellow	9600-K6
M6I	red	9600-K6
M6L	yellow	9600-K6
M6R	red	9600-K6
Out 15	red	-
PHG Keypad	green	
PHG Keypad Reader	green	
PHG Keypad Reader with Display	green	
PHG IO 4/2 Module	green	
PHG IO 4/4 Module	green	
PHG Motor Reader	green	
PHG Motor Reader with Display	green	
PHG Mux	green	
PHG Reader	green	
S6D	red	9110-K5
S6D Doormodule	red	91 15/25
S6D Keypad	red	9112-K6
S6D Keypad Reader	red	9112-K6
S6R	yellow	9110-K5
S6R Doormodule	yellow	91 15/25
S6R Keypad	yellow	9112-K6
S6R Keypad Reader	yellow	9112-K6
VT10	red	9200-K7
VT10 Reader intern	red	9104-K6
EM 90 30 Out 8	green	
EM 90 31 In 8	green	
Wireless Gateway 9040-K5	green	
91 04/91 10	green	
9112-K6	green	
9115-K5 Keypad Reader	green	
9115-K5 MRD	green	
9125-K5	green	
9200	Yellow	9200-K7
9200-K5	Yellow	9200-K7
9200-K7	green	
9230	Yellow	9230-K7
9230-K5	Yellow	9230-K7
9230-K7	green	
9240-K7	green	
92 90 Rack	Yellow	9290-K7
9290-K5 Rack	Yellow	9290-K7
9290-K7 Rack	green	
92 90 Wall	Yellow	9290-K7
9290-K5 Wall	Yellow	9290-K7
9290-K7 Wall	green	
9600-K6	green	
9700-K6	green	

## Standalone components

Device Type	Rating	Suggested Device Type
evolo c-lever air V4	green	
evolo c-lever compact V4	green	
evolo c-lever pro V4	green	
evolo c-lever TouchGo V4	green	
evolo Cabinet Lock 2110	green	

evolo Compact Reader 9110-K5 V4	green	
evolo Digital Cylinder V4	green	
evolo MC Cylinder V4	green	
evolo Remote Reader 9115-K5 V4	green	
XS Cylinder	yellow	evolo Digital Cylinder V4
XS Cylinder Online	yellow	evolo Digital Cylinder V4
XS Cylinder Pro	yellow	evolo Digital Cylinder V4
XS Cylinder Pro Online	yellow	evolo Digital Cylinder V4
XS Fitting	yellow	evolo c-lever pro V4
XS Fitting Online	yellow	evolo c-lever pro V4
XS Fitting Pro	yellow	evolo c-lever pro V4
XS Fitting Pro Online	yellow	evolo c-lever pro V4
XS Reader	yellow	evolo Remote Reader 9115-K5 V4
XS Reader Online	yellow	evolo Remote Reader 9115-K5 V4
XS Traffic Point	yellow	Wireless Gateway 9040-K5

For general description see also **exos: Assessment and action instruction for <Hardware> (PART-6020)**

## 9.2 Activation day: 2023-08-15

### 9.2.1 MS Word document Generation: Generating Customer analysis document for b-comm ERP (PART-6465)

The template for b-comm ERP was integrated into the SHC. The report contains only the system release and license information as a chapter. The information on the periphery is provided in the B-COMM report, which must be created for the customer installation.

At the moment, the template is only available in German.

#### 1.1 b-comm ERP

Die Analyse wurde mit dem Systemexport vom 28.11.2022 durchgeführt, Änderungen vorbehalten.

Nachfolgend finden Sie Lizenzinformationen zur Version, dem verwendeten Build und dem letzten Update, sowie den von Ihnen lizenzierten Zusatzmodulen.

Bestandteile	Analyse
Software-Release	Release: 6.1.12 Build Nummer:25 Letztes Update: 2022-11-28 09:18:48.21

Lizenzierte Module	Benutzeranzahl
Zeiterfassung	3000
Zutrittskontrolle	3000
Biometrie	0
HR Mitarbeiter	0
HTML Zeitrachweis für Terminals/b-comm ERP	0
HR Empfang	0
HR Manager	0
Raumreservierung Terminal	0
Abwesenheitsantrag Mitarbeiter	0
Abwesenheitsantrag für Terminal	0
Abwesenheitsantrag Manager	0
Produktionsplanung	0
Prozessaufträge	0
Auftragsmengeninfo	0
Instandhaltung	0
Projektsystem	0
BDE HTML Report	0
BDE Ersatzausweis	0
TRS Web Client	0
PDC Client	0
Kaba Exos Connector	0
Unterweisung App	0
Systembenutzer	3
Systemadmin	1

### 9.2.2 Hardware classification (exos): 9605 devices shall be classified also by the firmware (HSC-561)

To check if the device is a 9605-K5 or a 9605-K6 the SHC also uses the firmware of the device:

- Firmware 738-00 to 738-04 is a K5 device.
- Firmware 738-05 or higher is a K6 device.

The same rules are applied for the firmware 737-XX.

## 10 Functionality provided during PI#19 (May 23 – Jun 23)

### 10.1 Activation day: 2023-07-10

#### 10.1.1 B-COMM: Assessment and action instruction for <Hardware> (PART-6505)

For the B-COMM system, the panels for "Peripherals Online" and "Peripherals Standalone" have been extended to determine the hardware type. The determination of the hardware type was already applied for the Word template but was not available in the web interface until now and not configurable. The hardware type is determined from various information that also refers to identifiers in the firmware of the device.

The evaluation in the traffic light system has been extended to the effect that, in addition to the actuality of the firmware, the actuality of the hardware is also included in the display. The principle that the worse rating has priority is kept. If, for example, a hardware is discontinued but has the current firmware, the traffic light is red.

The table in the panels for "Peripherals Online" and "Peripherals Standalone" has been extended by the new column "Hardware". The column containing the rating of the device (traffic light column) has been moved to the end of the table. The rating contains the cumulative rating of the firmware and hardware.

The overview section in the online and standalone panels has been changed so that the actuality of the hardware is included in the color rating in addition to the actuality of the firmware.

If the assessment of the hardware leads to a recommended action, this action is also taken over for the panel Recommendations for action.

The rating rules for hardware, that is available in B-COMM is the same as for exos.

See also **exos: Assessment and action instruction for <Hardware> (PART-6020)**

#### 10.1.2 MATRIX: Monitored door type with fictional reader (Counting) (PART-6459)

The Security and Health Check displays the new attribute "fictional" for readers (Periphery Online) for the MATRIX system. Readers for whom this flag is set to true are not counted in the overview section of the chapter and the reader is not evaluated regarding up-to-dateness. The reader is also not counted when the Word file is generated.

The flag is displayed in the detail table for the reader and is therefore also exported to the Excel file.

**Note: On the MATRIX side, the information in the integrated data collector will only be available with version 4.2.**

## 10.2 Activation day: 2023-05-30



### 10.2.1 MATRIX: New information <evolo system level> (PART-6472)



The system level of the evolo components can be displayed for the MATRIX system on the panel "Peripherals Standalone" in the detail block.

**Note:** On the MATRIX side, the information in the integrated data collector will only be available with version 4.2.

### 10.2.2 MATRIX - Multi tenant systems: Additional information (PART-6458)

For MATRIX systems, it is now visible, if the system is a multi-tenant system. The number of tenants and the type is rendered in chapter "System" in the table "System information".



System information  

Description 	Value 	
<input type="text" value="ten"/> <p>Matches: 2</p>	<input type="text"/>	<input type="button" value="v"/>
Tenant management	Tenants with shared hardware	<input type="button" value="^"/>
Tenants number	2	<input type="button" value="v"/>




The tenant's name and number is also rendered in the details table for each peripheral (online and standalone).

Tenant name 	Mandant 1
Tenant number	1

In the chapter "Recommended actions" the tables "Media", "Peripherals Standalone" and "Peripherals Online" are extended with the column "Tenant", if the system is a multi-tenant system.

Peripherals Online 					
Name 	Number 	Property 	Tenant 	Recommended Action 	
	2	Firmware	1 Mandant 1	Unknown state	<input type="radio"/>
AoC stationM6L	1	Firmware	2 MandantZwei	Unknown state	<input type="radio"/>
LC	1	Firmware	1 Mandant 1	Unknown state	<input type="radio"/>

Peripherals Standalone 				
Name 	Number 	Tenant 	Recommended Action 	
EvaloCLever	3	1 Mandant 1	Unknown state	<input type="radio"/>

### 10.2.3 B-COMM report: Wrong count for B-web 91 00 and B-web 91 15 devices (HSC-544)

The SHC has filled a wrong device count of the B-web 91 00 and B-web 91 15 devices into the report file. The device type 91 04-K6 was missing in the report template. The module for the device Bedanet 91 20 was added in the B-COMM template. The text "Gerätegeneration" in the modules of the template has been removed.

# 11 Functionality provided during PI#18 (Feb 23 – Apr 23)

## 11.1 Activation day: 2023-05-04

### 11.1.1 exos: Assessment and action instruction for <Hardware> (PART-6020)

For the **exos** system, the panels for "**Peripherals Online**" and "**Peripherals Standalone**" have been extended to determine the **hardware type**. The determination of the hardware type was already applied for the Word template but was not available in the web interface until now and not configurable. The hardware type is determined from various information that also refers to identifiers in the firmware of the device.

The evaluation in the traffic light system has been extended to the effect that, in addition to the actuality of the firmware, the actuality of the hardware is also included in the display. The principle that the worse rating has priority is kept. If, for example, a hardware is discontinued but has the current firmware, the traffic light is red.

The table in the panels for "Peripherals Online" and "Peripherals Standalone" has been extended by the **new column "Hardware"**. The column containing the rating of the device (**traffic light column**) has been moved to the **end of the table**. The rating contains the cumulative rating of the firmware and hardware.

#### Peripherals Online

Address	Name	Type	Hardware	Firmware	Device IP	
> E01070103	04.00.21_E0373_BLO4_Fitn...	Access Point				🟢
> E01070104	04.00.16_E0372_BLO4_Fitn...	Access Point				🟢
E01070101	04.00.00C / 01_Haupteingang_BI_04 & R12_Garderobe	DML2	DML2	DML2 161150AB SC-2560 (OS: 05010000)		🔴
E01070102	04.00.21/04.00.16_Türe 25/00_Fitness_Cardiogerät...	DML2	9125-K5	DML2 161150B3I SC-2560 (OS: 02010000)		🟢
> E010801	Update Terminal UG Garderoben	BW9605LEA	9605-K6	738-05-X-K04	10.3.11.240	🔴
> E010901	Update Terminal Neubau EG	BW9600LEA	9605-K5	738-05-X-K04	10.3.11.241	🔴
> I010004	AML P5 PZ-Personaleingang	AML	AML	AAMB 03.03.036 RA	10.3.11.209	🟢🔴
> I010022	AML22_11.00.501	AML	AML	AAMB 03.03.036 RA	10.3.11.200	🟡🔴

Description	Value
Active Flag	active
Address	E010801
Device IP	10.3.11.240
Device Type	BW9605LEA
Firmware	738-05-X-K04
GID / DID	
Hardware	9605-K6
LEGIC info	
Local Decision	online
Mode	online

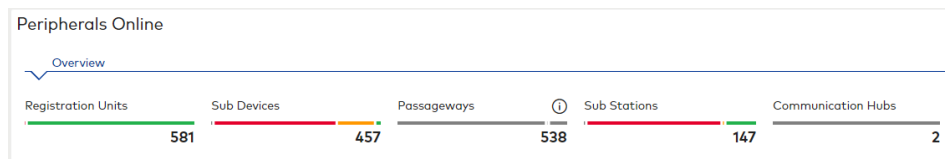
#### Peripherals Standalone

Name	Type Id	Type Name	Hardware	Firmware	Door No	
019958-Aufenthalt-Physio	199	C-Lever U-Line V3	elologic c-lever V3	3.92	538	🔴
029811-Möbellager	199	C-Lever U-Line V3	elologic c-lever V3		539	🔴
039904-Archiv Dept. 4	1304	C-Lever Legic Advant E300 V4	evolo c-lever pro V4	BCLP42.36RA5	540	🟢
019859_Zentrallager	199	C-Lever U-Line V3	elologic c-lever V3		541	🔴
20.01.100-01_SDS_UZ 4 SDS	1304	C-Lever Legic Advant E300 V4	evolo c-lever pro V4	BCLV42.12RAP	542	🔴
20.01.101-01_SDS_Arbeitsraum MPA SDS	1304	C-Lever Legic Advant E300 V4	evolo c-lever pro V4	BCLV42.12RAP	543	🔴

Description	Value
Door No	542
Firmware	BCLV42.12RAP
Hardware	evolo c-lever pro V4
Is CardLink Component	true
Media Group Name	KABA
Media Group Number	1
Name	20.01.100-01_SDS_UZ 4 SDS
Name In Programmer	20.01.100-01

The overview section in the online and standalone panels has been changed so that the actuality of the hardware is included in the color rating in addition to the actuality of the firmware.



If the assessment of the hardware leads to a recommended action, this action is also taken over for the panel Recommendations for action.

Peripherals Online 🔍 📄

Name	Address	Property	Recommended Action	Rating
				Matches: 730
9125-K5 is strongly recommended.				
04.00.00C_E0370_BL04_Haupteingang_BL04 Leser aussen	E0107010101	Hardware	The device type LA-Px Family has been discontinued. An update to a device of type Antenna 90 Ox Family is strongly recommended.	Red
04.00.01_E0371_BL04_Fitness_Garderobe Leser aussen	E0107010102	Hardware	The device type LA-Px Family has been discontinued. An update to a device of type Antenna 90 Ox Family is strongly recommended.	Red
04.00.21/04.00.16_Türe 25/00_Fitness_Cardiogeräteraum/Trainingsraum	E01070102	Firmware	Unknown state	Grey
11.00.00E_E0591_BL11_Haupteingang_BL11	I01002201	Firmware	The firmware ARRB02.05RA_ has been discontinued. An update to the current version ARRB03_04RC is strongly recommended.	Red
11.00.00E_E0591_BL11_Haupteingang_BL11	I01002201	Hardware	The device type 9115-K5 Legic is still under maintenance, but not up to date. Check whether an update to a device of type 9115-K5 MRD should take place.	Yellow
11.02.00A_E0592_BL11_Eingang_LoMa_2OG	I01002202	Firmware	The firmware ARRB02.05RA_ has been discontinued. An update to the current version ARRB03_04RC is strongly recommended.	Red

New rating rules have been created for the hardware. The rules can be configured via the GUI of the SHC in the same way as the evaluation rules for the firmware, so that an appropriately authorized user can configure the evaluation of the device type (red, yellow, green). Only the global rules are predefined. Each RMO can derive its rules from these global rules but is then responsible for the actuality of the rule.

Data Security and Health Check Tenant: DS

Category	Id	Expression	Activation Date (Base/Tenant)	Overwritten by tenant	Base
Hardware	DEVICE_TYPE_BNET_9290	(*)	- / -	<input type="checkbox"/>	<span>🔍</span> <span>📄</span> <span>🗑️</span>
Hardware	DEVICE_TYPE_AMC	(*)	- / -	<input type="checkbox"/>	<span>🔍</span> <span>📄</span> <span>🗑️</span>
Hardware	DEVICE_TYPE_AMC_PC104	(*)	- / -	<input type="checkbox"/>	<span>🔍</span> <span>📄</span> <span>🗑️</span>

**Header**

Rating Id  
DEVICE\_TYPE\_DML2

Expression  
(\*)

Parameter  
Name  
deviceType

**Ratings**

Rating	Recommended Action	Condition
1	The device type \$(currentValue) has been discontinued. An update to a device of type \$(suggestedDeviceType) is strongly recommended.	deviceType == 'DML2'

**Template Values for action texts**

	Name	Value
1	suggestedDeviceType	9125-K5

### **11.1.2 Embedded dormakaba font into report templates (HSC-501)**

The "dormakaba" font could be embedded in the report templates. This means that it is also available in the document, for example, to partners who do not have the font preinstalled.

### **11.1.3 Insert of filename and creation date into report templates (HSC-504)**

The following additional information has been added for the Word templates:

- The footer contains the file name of the report.
- The creation date is inserted into the title of the document.

The word Tool's is replaced by Tools in German

### **11.1.4 MATRIX: Insert active flag of devices into detail table (HSC-499)**

The value of the "Active" status of a device has been extended in the detail table for the MATRIX system and is thus also available in the Excel export.

### **11.1.5 MATRIX: "Special Software" and "TP4-TMBasic" value as text instead of checkbox (HSC-498)**

For the attributes "Special software" and "TP4-TMBasic" the checkbox was replaced by "Yes", "No" and "Unknown".

### **11.1.6 exos: Update report template to use new pictures for LR 100 and Bedanet 91 04 (HSC-497)**

For the attributes

The exos template contains new images for the devices LR 100 and Bedanet 91 04. The spaces between the numbers in the names of the device types have been removed if the name of the generation is included in the name of the device type (e.g., 91 04-K5 must be changed to 9104-K5).

## 11.2 Activation day: 2023-03-08

### 11.2.1 MATRIX: New information <license base modules> (PART-6030)

In addition to the license options, the licensed base module is also explicitly displayed for MATRIX.

Example:

The screenshot shows a 'License' overview page. Under 'Übersicht', 'Persons Access' is shown with a progress bar and the value 2000. Under 'Details', there is a section for 'Licensed MATRIX Base modules' with a table containing one entry: 'MATRIX Professional Access'. To the right, there are sections for 'System licenses' and 'Licensed MATRIX options'. The 'System licenses' table shows 'Badges' (1424) and 'Persons Access' (845 / 2000). The 'Licensed MATRIX options' list includes 'AoC Access on Card', 'Client management', 'dormakaba Door Manager', and 'XS radio online'.

### 11.2.2 MS Word document Generation: Generating NEW Customer analysis document for MATRIX (PART-6034)

The template for MATRIX was completely redesigned and integrated into the SHC. Experience has shown that manually adding information that is not (yet) contained in the SHC is too time-consuming. Nevertheless, a few places were retained for MATRIX for manual post-processing. In addition, it should be possible for the document to be generated for a customer consultation without a system analyst having to edit the document. The goal is that no manual rework by the user take place and we display only the information that is available in the SHC.

Chapters that are not relevant in a customer installation are excluded. Therefore, the table of contents must be updated once manually by the user.

At the moment the template is only available in German.

Examples:

#### 3.1 Softwarelösung MATRIX

Bestandteile	Analyse
Software Release	Release: 3.5.0.72121
Software-Lizenzen	MATRIX Professional Access: 10000 MATRIX Professional Connect HR/PDC: 123
Grundlizenzen Access	
Erweiterungen Access	
Modul Lizenzen	<input checked="" type="checkbox"/> Alarmmanagement <input checked="" type="checkbox"/> Allgemeine Schnittstelle (Import/Export-GUI) <input checked="" type="checkbox"/> Anwesenheitsanzeige Zeit <input type="checkbox"/> AoC Access on Card <input checked="" type="checkbox"/> Besucherverwaltung <input type="checkbox"/> Digitaladapter für Serviceüberwachung <input type="checkbox"/> Dokumentenimport <input checked="" type="checkbox"/> Einfache Buchungserfassung



### 3.6 Peripherie Online - Zutrittsmanager

B6 L-19* (LAN Varianten)		
<b>Bild:</b> 	<b>Informationen:</b> Geräteabkündigung: 01.01.2020 End of Life: 31.12.2022 End of Support: 31.12.2027	<b>Nachfolgeberät:</b> 9290-K7 TP4 
<b>Anzahl:</b> 1 x B6 L-19"	<b>Gerätegeneration:</b> 2	<b>Alternative:</b> 9200-K7 TP4 / 9230-K7 TP4


  

B6 L-WM (LAN Varianten)		
<b>Bild:</b> 	<b>Informationen:</b> Geräteabkündigung: 01.01.2020 End of Life: 31.12.2022 End of Support: 31.12.2027	<b>Nachfolgeberät:</b> 9290-K7 TP4 
<b>Anzahl:</b> 9 x B6 L-WM	<b>Gerätegeneration:</b> 2	<b>Alternative:</b> 9200-K7 TP4 / 9230-K7 TP4


### 3.10 Peripherie Wireless - Funk Online

XS-Traffic Point		
<b>Bild:</b> 	<b>Informationen:</b> Geräteabkündigung: 01.01.2020 End of Life: 31.12.2022 End of Support: 31.12.2027	<b>Nachfolgeberät:</b> 9040 
<b>Anzahl:</b> 7 x XS-Traffic Point	<b>Gerätegeneration:</b> 2	<b>Alternative:</b> 9042-K7



Alle Wireless Komponenten sind im Kapitel Peripherie Standalone aufgeführt.

Gateway 9040		
<b>Bild:</b> 	<b>Informationen:</b> Geräteabkündigung: - End of Life: - End of Support: -  Unterstützung RFID-Technologien: -LEGIC advant: Ja -MIFARE DESFire: Ja	<b>Nachfolgeberät:</b> -
<b>Anzahl:</b> 5 x 9040	<b>Gerätegeneration:</b> aktuell	<b>Alternative:</b> 9042-K7

Alle Wireless Komponenten sind im Kapitel Peripherie Standalone aufgeführt.

evolo - Schrankschloss 21 10 (Cabinet Lock)		
<b>Bild:</b> 	<b>Informationen:</b> Geräteabkündigung: - End of Life: - End of Support: -  Unterstützung RFID-Technologien: -LEGIC advant: Ja -MIFARE DESFire: Ja	<b>Nachfolgeberät:</b> -
<b>Anzahl:</b> 1 x Schrankschloss 21 10	<b>Gerätegeneration:</b> aktuell	

### 3.13 Peripherie Standalone - Leser

XS-Leser PRO		
<b>Bild (Kompakteser):</b> 	<b>Informationen:</b> Geräteabkündigung: 01.01.2020 End of Life: 31.12.2022 End of Support: 31.12.2027  Unterstützung RFID-Technologien: -LEGIC advant: Ja -MIFARE DESFire: Ja -Hitag: Ja	<b>Nachfolgeberäte:</b> 91 15-K5 + Erfassungseinheit (V4) 
<b>Anzahl:</b> 1 x XS-Leser PRO	<b>Gerätegeneration:</b> 2	

### 11.2.3 Adding some more legacy products for evaluation (e.g. AMC, DML2, ...) (PART-5345)

The SHC rates some more old products as discontinued and marks them red. The following firmware identifiers are rated:

Hardware	Firmware Identifier	Recommended Action
AMC	AMC\d+\s+2.1.\d+	The product with firmware \${currentValue} has been discontinued. An exchange to a new product is strongly recommended.
DML2	161150A	The product with firmware \${currentValue} has been discontinued. An exchange to a new product is strongly recommended.
DMU2	161140A	The product with firmware \${currentValue} has been discontinued. An exchange to a new product is strongly recommended.
cDML	161180A	The product with firmware \${currentValue} has been discontinued. An exchange to a new product is strongly recommended.
iDML2	^A\d.\d.\d	The product with firmware \${currentValue} has been discontinued. An exchange to a new product is strongly recommended.

Condition for iDML2: identifier is splitted into major, minor and patch version. Device is outdated if major = 1 and minor <= 2 and patch <= 5.

Legend to identifier: 5/4/8 is devicetype DML/DMU/cDML, A is fix.

### 11.2.4 Update report templates to new dormakaba design (HSC-480)

The report templates for the systems exos, MATRIX and B-COMM use the new dormakaba design (e.g. title page).



Arial is still used as the font, as the partners do not have the dormakaba font available (HSC-491).

### 11.2.5 exos report: fix typos and count of BN93x0 devices (HSC-490)

The Exos report contained typos in the phase-out date for the AMC/AMCII devices. The year should be 2017 and not 2007.

The devices with type BN9340, BN9360 and BN9380 are counted as B-Net 93 00 device.

### 11.2.6 exos report: Update counter rules (HSC-492)

The counter rules of some of the devices must be updated:

Type	Firmware	Result
BN93[2468]0	without firmware	B-Net 93 00
BW9300LEA	without firmware	B-Web 93 00
	578- or 579- or 750-	B-Net 93 00 *
	751- or 752- or 753-	B-Net 93 00
	754-	B-Web 93 00


\* Is a Bedanet 93 xx but will be counted as B-Net 93 00

### 11.2.7 MATRIX report: SHC uses wrong option param for option time (HSC-493)

The SHC used the wrong option parameter to check if the client has the option time. In the previous version the option opt\_pers\_records\_time was used, the option opt\_time\_base should be used instead.

### 11.2.8 MATRIX: New information <SSW identifier> (PART-6031)

For MATRIX systems, it can be displayed whether a customer installation contains customized software or not, or whether there is no information about it. The information is displayed on the panel system.

System information 

Description	Value
Database type	sqlserver
Database version	Microsoft SQL Server 2014 - 12.0.6118.4
Installation data	21.08.2019, 08:41:00
Java version	11.0.2
Operation system architecture	amd64
Operation system version	Windows Server 2012 R2
Product key	A31098A094MX157C
Special software	Unknown
TRM TMDP...	Hel...

Note: On the MATRIX side, the information in the integrated data collector will only be available with version 4.2.

### 11.2.9 MATRIX: New information <TM Basic Usage> (PART-6032)

For MATRIX systems, it can be displayed whether in a customer installation TM Basic is in use or not, or whether there is no information about it. The information is displayed on the panel system.

The screenshot shows a 'System information' table with the following data:

Description	Value
Database type	sqlserver
Database version	Microsoft SQL Server 2014 - 12.0.6118.4
Installation data	21.08.2019, 08:41:00
Java version	11.0.2
Operation system architecture	amd64
Operation system version	Windows Server 2012 R2
Product key	A31098A094MX157C
Special software	Unknown
TP4-TMBasic	Unknown

In addition, in the Peripherals Online panel, a corresponding information is displayed in the detailed information for each controller where TM Basic is used.

Description	Value
...	...
TP4-TMBasic	Yes   No
...	...

If the attribute about the use of TM Basic (data collector before version 4.2) is missing, the detail attribute is also omitted on the GUI of the SHC!

**Note:** On the MATRIX side, the information in the integrated data collector will only be available with version 4.2.

### 11.2.10 MATRIX: New information evolo and Terminal <Serial number> (PART-5986)

The serial number of the evolo components and terminals can be displayed for the MATRIX system on the panel "Peripherals Online" and (for evolo) "Peripherals Standalone" in the detail block.

If the attribute about the serial number is missing (data collector before version 4.2), the detail attribute is also omitted on the GUI of the SHC!

DE: Seriennummer

EN: Serial number

**Note:** On the MATRIX side, the information in the integrated data collector will only be available with version 4.2.

### 11.2.11 MATRIX: New information <Terminal MAC address> (PART-5988)

The MAC address of the terminals can be displayed for the MATRIX system on the panel "Peripherals Online" in the detail block.

If the attribute about the MAC address is missing (data collector before version 4.2), the detail attribute is also omitted on the GUI of the SHC!

DE: MAC Adresse

EN: MAC address

**Note:** On the MATRIX side, the information in the integrated data collector will only be available with version 4.2.

## 12 Functionality provided during PI#17 (Oct 22 – Jan 23)

### 12.1 Activation day: 2022-12-14

#### 12.1.1 MS Word document Generation: Generating Customer analysis document for B-COMM (PART-4904)

The template for B-COMM was integrated into the SHC in the same way as the template for exos. Chapters that are not relevant in a customer installation are excluded. Therefore, the table of contents must be updated once manually by the user.

At the moment, the template is only available in German.







Examples:





Die Analyse wurde mit dem Systemexport vom 28.11.2022 durchgeführt, Änderungen vorbehalten.

#### 3.1 Softwarelösung B-COMM

Bestandteile	Analyse
Software-Release	Release: 5.3.1.2
Software-Lizenzen	Lizenzierte B-COMM Module: <input checked="" type="checkbox"/> B-COMM Nutzdatenkommunikation <input checked="" type="checkbox"/> Parametriersoftware <input type="checkbox"/> Mobile Access inkl. LEGIC Connect <input type="checkbox"/> Option CardLink <input type="checkbox"/> Terminal Status <input type="checkbox"/> E-Mail Server <input type="checkbox"/> Benutzerverwaltung <input type="checkbox"/> Biometrie
Software-Spezialitäten	Betriebssystem: Windows Server 2016 Installationstyp: Common Verzeichnis: D:\dormakaba\B-COMM\ Java Anbieter: Oracle Corporation Java Version: 11.0.1

#### 3.7 Zutrittskontrolle - Zutrittsmanager B-Client AC

B-Net 92 90-2 (Wand- oder Rackversion)		
<b>Bild:</b> 	<b>Informationen:</b> Geräteabkündigung: 06/2017 End of Life: 12/2019 End of Support: 12/2022 - B-Net 9290-2 mit aktueller Firmware unterstützt alle Subterminals bis auf die Mobile Access Fähigkeit (BLE). 9290-K7 unterstützt alle Subterminals	<b>Nachfolgegerät: 9290-K7</b> 
<b>Anzahl:</b> 6 x B-Net 92 90-2	<b>Gerätegeneration: 2</b> 	
9200-K5		
<b>Bild:</b> 	<b>Informationen:</b> Geräteabkündigung: 06/2022 End of Life: 06/2022 End of Support: 06/2022 - 9200-K5 mit aktueller Firmware unterstützt alle Subterminals bis auf die Mobile Access Fähigkeit (BLE). 9200-K7 unterstützt alle Subterminals und Erfassungseinheiten.	<b>Nachfolgegerät: 9200-K7</b>  Optionale Module: 90 30 / 90 31
<b>Anzahl:</b> 3 x 9200-K5	<b>Gerätegeneration: 2</b> 	<b>Alternative: 9230-K7</b>

Subterminal / Kompakteser B-Net 91 04 / 91 05		
<b>Bild:</b> <b>B-Net 91 05</b>   <b>B-Net 91 04</b> 	<b>Informationen:</b> Geräteabkündigung: 06/2014 End of Life: 06/2019 End of Support: 06/2022 - Diese Geräte sind mit aktueller Firmware in der Lage LEGIC advant zu lesen. Da diese Geräte seit langem abgekündigt sind, wird bei einer Migration von LEGIC prime auf advant dringend empfohlen, diese Geräte zu ersetzen.	<b>Nachfolgergerät: 9110-K5</b> 
<b>Anzahl:</b> 9 x B-Net 91 04 / 91 05	<b>Gerätegeneration: 1</b> 	<b>Alternative: 9104-K6</b>

### 12.1.2 exos > Migration AMC to K7 scenario: Wrong information about rewiring (HSC-457)

SHC Migration tool returns the necessity to rewire IOs at AMC devices in some cases, but in fact there is no. The bug has been fixed.

Details of the fixed version:

- For an AMC without a PC 104 module and less than 16 IO ports, there is nothing to do
- With an AMC without PC 104 module and more than 16 IO ports, the AMC may have to be split up
- For an AMC with PC 104 module and less than 16 IO ports, the AMC must be rewired
- For an AMC with PC 104 module and more than 16 IO ports, the AMC may need to be split and rewired

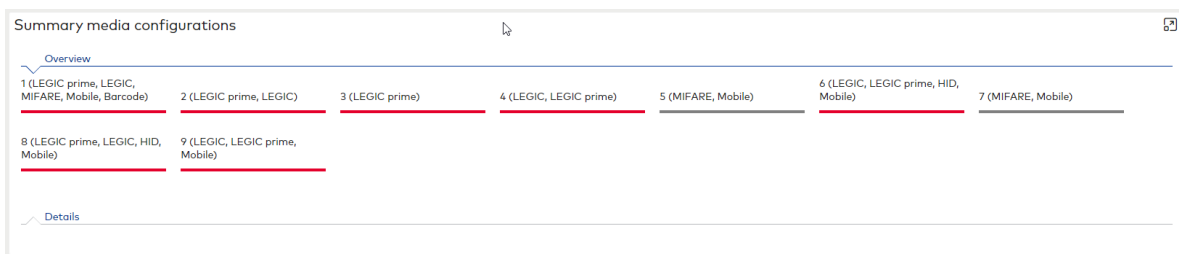
## 12.2 Activation day: 2022-11-15

### 12.2.1 B-COMM: Customer details have been extended to include a summary of the media configurations (PART-5641)

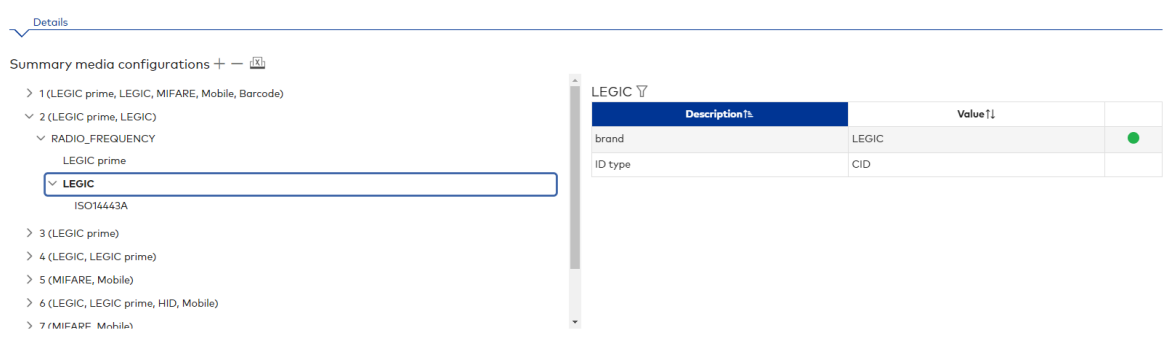
Unlike the exos and MATRIX systems, where the media used are also available, this is not the case with B-COMM (as with EACM). In B-COMM, it is only known how each component is configured regarding the media. From this, conclusions can be drawn about the media used, but if, for example, both LEGIC prime and LEGIC advant are configured, it cannot be said with certainty which of the two media the customer actually uses. Therefore, there can be no panel media.

For B-COMM, the media configurations used in the devices are collected and displayed in a new panel "Summary of media configurations". This means the configurations of all devices are run through and the same configurations are combined to a number and a node generated by the SHC.

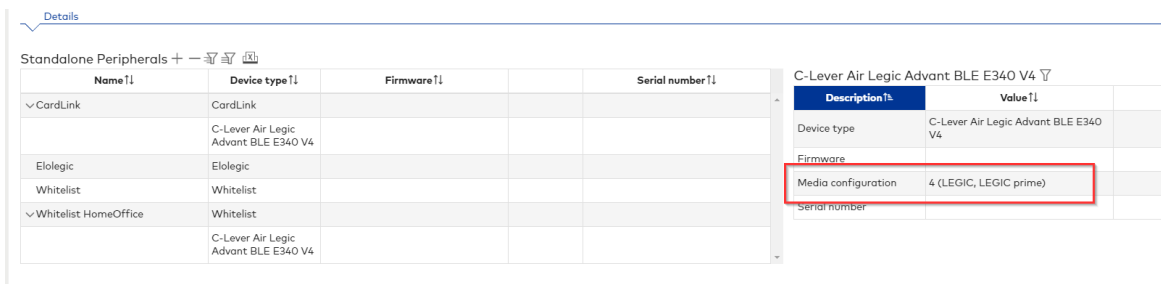
Important Note: The panel and the media information are only available in the B-COMM systems, if a data collector has been used that provides this information.



The display is in a tree structure. In B-COMM, the types of different providers are referred to as "brands". For the designation of the main node, brands are represented in a comma-separated list.



In the devices where the media configuration is given, a reference to the number generated by the SHC is displayed.



The recommended actions have also been extended. The LEGIC brand (that is LEGIC advant) is rated as "green", the LEGIC Prime brand as "red". The recommended action in the latter case is DE: "Verwendete Medien prüfen und Konfiguration passend einschränken", EN: "Check the used media

and restrict the configuration appropriately". In the case of a combination of both types, the worse rating is displayed.

3 (LEGIC prime)	LEGIC prime	brand	Check the used media and restrict the configuration appropriately	●
4 (LEGIC, LEGIC prime)	LEGIC prime	brand	Check the used media and restrict the configuration appropriately	●

No evaluation can be made for the "MIFARE" brand, as B-COMM has no information to distinguish between classic and DESFire.

### 12.2.2 MS Word document Generation: Generating NEW Customer analysis document for exos (PART-5622)

The template for exos was completely redesigned and integrated into the SHC. Experience has shown that manually adding information that is not (yet) contained in the SHC is too time-consuming. In addition, it should be possible for the document to be generated for a customer consultation without a system analyst having to edit the document. The goal is that no manual rework by the user take place and we display only the information that is available in the SHC. Chapters that are not relevant in a customer installation are excluded. Therefore, the table of contents must be updated once manually by the user.

At the moment the template is only available in German.

#### Examples:

#### 3.6 Ausweismedien NEDAP-Tags (Information)

Für die Weitbereichslösungen, welche von unseren Systemlösungen unterstützt werden, werden verschiedene Peripheriegeräte und Tags eingesetzt.



##### Bauformen NEDAP-Tags



Abbildungen für Window-Button (mit / ohne Taster), Heavy Duty Tag, Windows-Kleber, Booster:



Technologie NEDAP	Beschreibung / Info	Markteinführung / Aktualität
CF-Code	Alte Codierungsbeschreibung	Technologie ist abgekündigt
DF-Code	Neue Codierungsbeschreibung	2017 / Technologie ist aktuell
EF-Code	Alte Codierungsbeschreibung	Technologie ist abgekündigt
GF-Code	Alte Codierungsbeschreibung	Technologie ist abgekündigt


### 3.7 Peripherie Online - Controller / Zutrittsmanager

AMCII (Wand)		
<b>Bild:</b> 	<b>Informationen:</b> Geräteabkündigung: 12/2007 End of Life: 12/2022 * End of Support: 12/2025 - Unterstützung RFID-Technologien: -LEGIC advant: Teilweise * Ersatzteile Ende per 12/2022	<b>Nachfolgeberät: 92 00-K7</b>  Optionale Module: 90 30 / 90 31
<b>Anzahl:</b> 1 x AMCII	<b>Gerätegeneration: 1</b>	<b>Alternative: 92 90-K7</b>


AML (Access Manager LEGIC)		
<b>Bild:</b> 	<b>Informationen:</b> Geräteabkündigung: 06/2022 End of Life: 06/2022 End of Support: 06/2022 - Unterstützung RFID-Technologien: -LEGIC advant: Ja -Mifare DESFire: Nein - Gerät unterliegt der Abkündigung von Microsoft Silverlight	<b>Nachfolgeberät: 92 00-K7</b>  Optionale Module: 90 30 / 90 31
<b>Anzahl:</b> 42 x AML	<b>Gerätegeneration: 2</b>	<b>Alternative: 92 30-K7 (PoE+)</b>

### 3.14 Peripherie Standalone - Mechatronische Zylinder / Mechatronik-Zylinder

### 3.15 Peripherie Standalone - Schliesszylinder / Digitalzylinder

evolo – Digitalzylinder (V4)		
<b>Bild:</b> 	<b>Informationen:</b> Geräteabkündigung: - End of Life: - End of Support: - - Unterstützung RFID-Technologien: -LEGIC advant: Ja -Mifare DESFire: Ja	<b>Nachfolgeberät: -</b>
<b>Anzahl:</b> 109 x Digitalzylinder (V4)	<b>Gerätegeneration: aktuell</b>	

### 3.16 Peripherie Standalone - Elektronische Türbeschläge

evolo– c-lever pro (V4)		
<b>Bild (c-lever pro V4):</b> 	<b>Informationen:</b> Geräteabkündigung: - End of Life: - End of Support: - - Unterstützung RFID-Technologien: -LEGIC advant: Ja -Mifare DESFire: Ja	<b>Nachfolgeberät: -</b>
<b>Anzahl:</b> 657 x c-lever pro (V4)	<b>Gerätegeneration: aktuell</b>	

### 12.2.3 Evaluation and display of exos host system version (HSC-442)

In former release the exos host system version is displayed and evaluated like it is stored in the data file. Example:

- `<config name="Version" value="4102" />`
- `<config name="Build" value="1052" />`
- This is displayed as 4102.1052 in the GUI

With the new release the version number is divided into major, minor and patch version number. Leading 0 in the patch number shall be omitted.

- The example is displayed as 4.1.2.1052 in the GUI now

Two-digit patch numbers without a leading 0 must be displayed with two numbers. Example:

- `<config name="Version" value="4080" />`
- `<config name="Build" value="200" />`
- This is displayed as 4.0.80.200 in the GUI

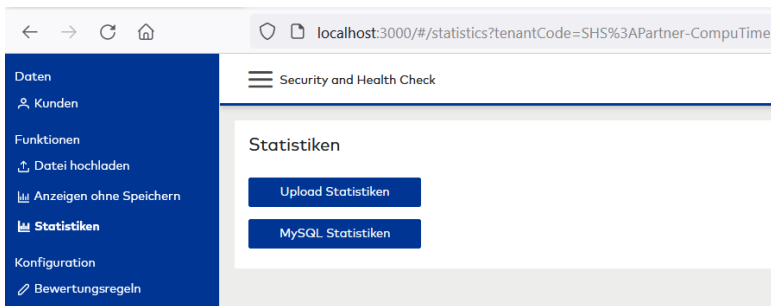
In some versions exos writes the patch version only as one digit. This is treated as in the first example:

- `<config name="Version" value="402" />`
- `<config name="Build" value="3772" />`
- This is displayed as 4.0.2.3772 in the GUI

This new behavior shall be used also in the evaluation rule of the exos version. The rule must have the three parameters major, minor and patch version which can be used independently from each other.

## 12.2.4 Data analysis across all customers and systems (PART-1556, PART-5284)

The present version enables a cross-system and cross-customer evaluation of SHC data based on SQL. For this, the data from the different systems must be generalized to a common schema. The schema must be expanded step by step to include the concrete evaluation requirements. The focus is always on the question of which customers have a certain characteristic, not on a detailed technical analysis. The latter is done as usual in the customer view for each individual customer. A user right was introduced for the function analogous to the upload statistics (GLBL-sqldata\_service). An SQL script can then be downloaded via a button **MySQL statistic**, which creates the structure of the database and fills in the data.



The data are based on a nightly evaluation. The idea of providing a database on the cloud side was dropped for reasons of cost and security.

The first evaluation options available are:

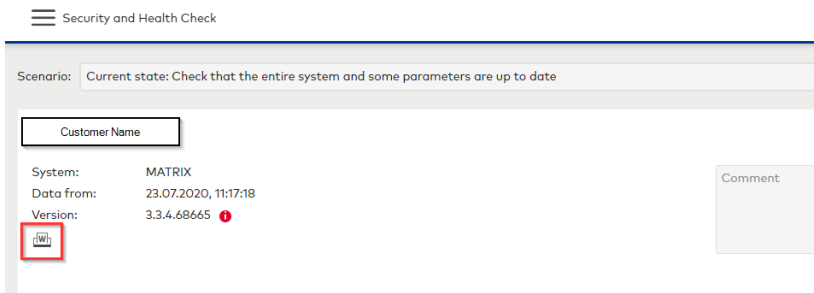
- Media types
  - Which customer / which system has which media type?
  - Which customer / which system has a non-standard media type (this information is currently only available for data from exos systems)?
  - The media type and non-standard marker is set, if a customer or system has at least one of these
- Firmware version
  - Which firmware versions are in use?
- LegicOS (Legic information)
  - Which LegicOS versions are in use?

# 13 Functionality provided during PI#16 (Jul – Sep 2022)

## 13.1 Activation day: 2022-08-30

### 13.1.1 Generating MS Word document for MATRIX (PART-4903)

With the present version, a Word template for MATRIX systems can be filled with data from the Security and Health Check. The precondition is that the user has the right to use the template. The Word file can be generated and downloaded via a button the same way as for exos systems in the "Current state" scenario.



#### User rights

The SHC user needs the right to generate the report (SHC-GLBL-report\_service). Otherwise, the button is not displayed.

#### Template

The template consists of the basic structure, the body text and the images and is created by the German RMO. It is currently only available in German! The text contains text marks that are replaced by the data from the SHC (e.g. {customer.name}).

#### Examples


##### 3.1 Software

Bestandteile	Analyse
Software Release	Release: 3.3.4.68665
Softwarelizenzen	MATRIX PRO Access: 2000
Grundlizenzen Access	<input type="checkbox"/> Alarmmanagement
Erweiterungen Access	<input type="checkbox"/> Allgemeine Schnittstelle (Import/Export-GUI)
Modul Lizenzen	<input type="checkbox"/> Anwesenheitsliste Zeit
	<input type="checkbox"/> AoC Access on Card
	<input type="checkbox"/> Besucherverwaltung
	<input type="checkbox"/> Digitaladapter für Serviceüberwachung
	<input type="checkbox"/> Dokumentenverwaltung
	<input type="checkbox"/> Einfache Zeiterfassung
	<input type="checkbox"/> EMA Interface für SS/US
	<input type="checkbox"/> Export von Zeitdaten
	<input type="checkbox"/> Fremdfirmenverwaltung
	<input checked="" type="checkbox"/> Import/Export Programmierschnittstelle
	<input type="checkbox"/> Komfort-Schnittstelle Ausweiserstellsystem IDCard4
	<input type="checkbox"/> Kostenstellenerfassung
	<input type="checkbox"/> Listenkonfigurator
	<input checked="" type="checkbox"/> Mandantenverwaltung
	<input type="checkbox"/> Mobile Access
	<input type="checkbox"/> Oracle Datenbank
	<input type="checkbox"/> OSS-SO
	<input type="checkbox"/> Personenbildaufnahme
	<input type="checkbox"/> Raumverwaltung mit Raumreservierung
	<input type="checkbox"/> Schichtverwaltung
	<input type="checkbox"/> Schnittstelle Ausweiserstellsystem
	<input checked="" type="checkbox"/> Schnittstelle zu Advanosis Winguard-Alarmmanagement
	<input type="checkbox"/> TMS Kopplung
	<input type="checkbox"/> TMS MATRIX Professional Integrated
	<input type="checkbox"/> Wächterrundgang
	<input type="checkbox"/> Web Workflow Zeitwirtschaft
	<input type="checkbox"/> Web Workflow Zutrittskontrolle
	<input type="checkbox"/> Webservice
	<input checked="" type="checkbox"/> XS-Funk Online

### 3.6 Ausweismedien RFID

Medien identifizieren (siehe Übersicht SHC)

Technologie	Beschreibung / Info	Markteinführung
MIFARE Classic	13.56 MHz ISO RF-Standard; entspricht nicht aktuellen Sicherheitsanforderungen in der RFID-Technologie <i>Technologie ist teils abgekündigt und nicht auf dem aktuellen Sicherheitsstandard</i>	2004
QR-Code		
Kundenspezifisch	Bewertung RMO	Info RMO

Zutrittsmanager  Generation 2 sind abgekündigt	LAN Varianten TP4 B6 L (19") B6 L (19") MUXD B6 L (19") 2MUXD B6 L WM B6 L 4P B6 L TG B6 L RR (-15) (1 bzw. 2 MUX) LAN RTC	
	12 x B6 L WM 1 x B6 L 4P	

### 13.1.2 MS Word Report Template adaption for exos / RMO CH (HSC-426)

Some parts of the exos template are adapted (German version of the RMO Switzerland exos template).

1. Part of the **system consultants** shall contain new employees.
2. Changed rules to identify hardware types:

- Device type 91 12 is identified by the following firmware identifier: [ABM]R[PR]B

## 14 Functionality provided during PI#15 (May – Jun 2022)

### 14.1 Activation day: 2022-08-10

#### 14.1.1 exos: Files extended by License Options (PART-5024)

The newly exported license options in exos are listed also in the **license chapter** in the Security and Health Check (SHC) with German and English translation. The following license options are new in the exos datafile:

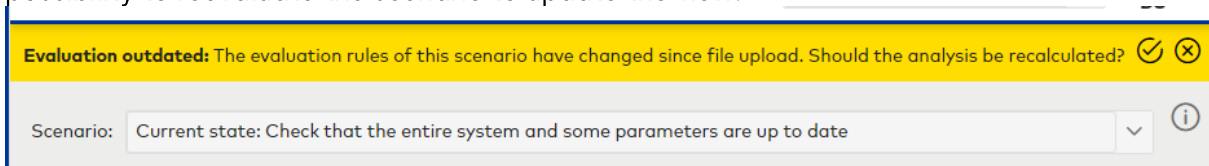
Option	German	English	Option
ADDONWIRELESS	SW-Lizenz Kaba wireless für Kaba exos 9300	SW license Kaba wireless for Kaba exos 9300	Opt26
ADDONVISITORNOTIFICATION	SW-Lizenz IA Web Client für Besucherverwaltung	SW license IA Web Client for Visitor Management	Opt6
ADDONACMAIL	SW-Lizenz Persönliche Mitteilungen ZK	SW license Individual messages AC	Opt21
ADDONCONTRACTORMANAGEMENT	SW Lizenz Fremdfirmenverwaltung	SW licence Contractor Management	Opt23
CARDLINKBEDANET9290	CardLink validierung mit B-Net 9290	CardLink validation with B-Net 9290	Opt24
ADDONIDCONNECT	SW-Lizenz ID connect	SW license ID connect	Opt25
ADDONKABAEVOLOALLIANCE	Software-Lizenz Kaba evolo alliance	Software licence Kaba evolo alliance	Opt28
ADDONEXOSAPI	Software-Lizenz Kaba exos API	Software licence Kaba exos API	Opt29
ADDONKONEELEVATORINTERFACE	Elevator Interface KONE Access 500	Elevator Interface KONE Access 500	Opt30
ADDONMOBILEACCESSLOGGING	Zutrittsmeldungen via Smartphone	Access logging via smartphone	Opt31
ADDONMOBILEUPDATEOFACCESSPERMISSIONS	Erneuerung von Zutrittsrechten	Update of access permissions	Opt32
ADDONOSS	OSS-SO Basis	OSS-SO Basis	Opt33
ADDONKONEOFFICEFLOWSERVICE	Elevator Interface KONE Access 1000	Elevator Interface KONE Access 1000	Opt34
MAXPERSONS	Anzahl Personen	Number of persons	AC
MAXCLIENTS	Administrationsarbeitsplätze	Administrator workplaces	Client
MAXSAP	Lizenzierter Personen für SAP Anbindung	Licensed persons for SAP connector	SAP
ONLINELOCKERGROUPS	Freie online Schrankwahl 1 Lizenz pro Schrankgruppe (1 Gruppe = 64 Schränke)	Cabinet lock free selection 1 license per cabinet group (1 group = 64 cabinets)	OnlineLockerGroup
THIRDPARTYOSSCOMPONENTS	OSS-SO Peripherie	OSS-SO Peripherie	THIRDPARTYOSSCOMPONENTS

The license options in the table are listed in the chapter license if the customer possess a valid license option. The newly exported license options have been implemented **also** in the French and German exos template file for the report generator.

#### 14.1.2 Message "Evaluation Outdated": GUI marks detailed customer view as outdated if the evaluation rules are changed meanwhile (HSC-377+393)

When the user opens the detail view of a customer, the evaluation is done in the background based on the actual evaluation rules and saved in the cache. **These rules can change, for example, when a new host system or firmware version is released.**

When the user opens the detail view of a customer the GUI now asks the API in the background if the current evaluation for the selected scenario is still valid. If the API delivers a result of outdated, a **message is shown that the current evaluation is not up to date anymore**. The user has then the possibility to reevaluate the scenario to update the view.

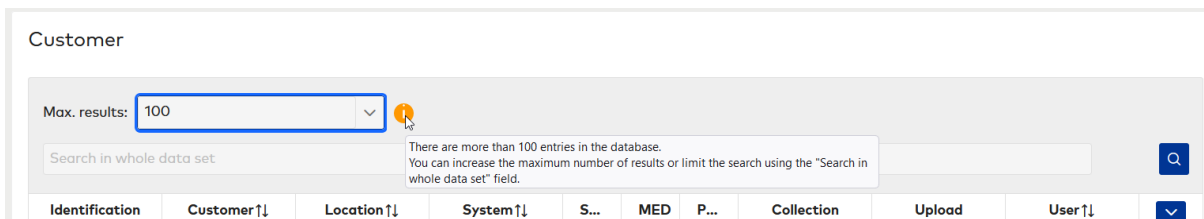


### 14.1.3 Display option for maximum number of records (HSC-376+391)

In the former release only 101 customers (since 03.03.2022 500 customers) are displayed in the customer table, but there was no feedback given to the user about this display limit. The user had to search for a concrete customer via the input field "Search in whole data set". To make the navigation in the overview page of all customers more comfortable, several modifications are done in the GUI.

The user can set the **count of entries per page** in the customer's table. In former release he can choose the values 10, 30 and 50. The entries 100 and 250 are added. For the **maximum count of entries**, the user can switch between the values 100, 500 and 2500.

If a query would deliver more than the set maximum count of entries, the GUI shows a message that there are more entries available.



### 14.1.4 MS Word document Generation: New name scheme for report file (HSC-409)

The **name of the template file in the list box** shall follow a new name scheme:

Abbreviation RMO: The abbreviation of the RMO for this template e.g., CH or DE

Abbreviation language: The abbreviation of the language of the template e.g., de or fr

Report name: Name of the report e.g., SHC Kundenanalyse

Examples:

- CH-fr SHC Analyse client.docx
- CH-de SHC Kundenanalyse.docx

The **name of the generated report** shall follow a new scheme:

Customer name: name of the customer (the same as in the GUI)

Location: location of the customer (the same as in the GUI)

System: The name of the hostsystem e.g., exos or MATRIX

Report name: the name of the chosen report

Date: Current date (YYYYMMDD)

Language: Abbreviation of the language of the report

Example:

- Kamper Automation AG, Bern\_exos\_SHC Kundenanalyse\_20210923\_de

### 14.1.5 Optimization when querying the tenants (HSC-410)

If the query of the tenant rights against the cache fails, the loading of the rights from the Sales Hierarchy Service (SHS) should be triggered directly and it should be checked again whether the user has the tenant rights. In this way, the system always checks against the user's current tenant rights. **This eliminates the delay in assigning new tenant rights in the IAM during the user is in an existing session.**

### 14.1.6 Statistic: Uploads per month (PART-4906)

For users with the **special user right** "GLBL-uploadstatistics\_service" there is a new button to generate and download a **statistics csv file with information about uploads per month**. The button is shown, if the user selects the menu point "Statistics" below the main menu "Functions".

### 14.1.7 Evaluation rules: HR Client Major Version with two digits (HSC-429)

In the evaluation rules, only a one-digit major version was possible for the HR/AC clients

- HR30\_CLIENT\_VERSION
- HR20\_CLIENT\_VERSION
- HR15\_CLIENT\_VERSION
- AC15\_CLIENT\_VERSION

The leading zero was added automatically and was fix in the expression e.g. 735-0(\d)X[EK](\d+). With major version "10", the version numbers have become two-digit. The evaluation rules are adapted accordingly.

### 14.1.8 B-COMM: Extension of the evaluation rules to include discontinued Subterminals, B-Net and others (PART-4826)

The database of the evaluation rules has been extended to include some more discontinued Controller and Reader devices. The following rules have been implemented. The rules shall be valid only for system B-COMM.

Device Type	Pattern	Color	Recommended Action
Unkown Subterminal	000-00-X-K00	Red	The product with firmware xxx has been discontinued. An exchange to a new product is recommended.
Bedanet 91 04	895-01-X-K03	Red	The product with firmware xxx has been discontinued. An exchange to a new product is recommended.
B-Net 91 05	842-00-X-K12	Red	The product with firmware xxx has been discontinued. An exchange to a new product is recommended.
Bedas 92 40	576-00-X-K07	Red	The product with firmware xxx has been discontinued. An exchange to a new product is recommended.
Bedanet 92 20	578-01-X-K00	Red	The product with firmware xxx has been discontinued. An exchange to a new product is recommended.

### 14.1.9 B-COMM: Extension of the evaluation rules to include more discontinued Hardware (PART-5249)

Devices with the listed firmware are marked in the corresponding color and the described recommended action is shown. The rules shall be valid only for system B-COMM. Since the rules for the large number of old devices are stable, they have been summarized in a few rules for the benefit of clarity.

[Recommendation for action: 1 = The product with firmware xxx has been discontinued. An exchange to a new product is recommended](#)

Identifier	Category	Device Type	Color	Recommendation for action	Expression
400	Terminal Clients	BEDATERM BP80-Terminal	red	1	400-0(\d)-X-[EK](\d)
401	Terminal Clients	TNZUG	red	1	401-0(\d)-X[EK](\d)
402	Terminal Clients	TNGLZ	red	1	402-0(\d)-X[EK](\d)
403	Terminal Clients	TNKKW Zugangskontrolle Krümmel	red	1	403-0(\d)-X[EK](\d)
404	Terminal Clients	AEG Ausweisterminal	red	1	404-0(\d)-X[EK](\d)
410	Terminal Clients	ZETERM Zeiterfassung an BP80	red	1	410-0(\d)-X[EK](\d)
411	Terminal Clients	TERM Zeiterfassung an TEKON-8	red	1	411-0(\d)-X[EK](\d)

412	Terminal Clients	TERMA ZF + Zugang	red	1	412-0(\d)-X[EK](\d)
500	Terminal Clients	BEDEM 500 alte Ausführung B80-HW	red	1	500-0(\d)-X[EK](\d)
501	Terminal Clients	BEDEM 500	red	1	501-0(\d)-X[EK](\d)
540	Controller and Reader	Zugangsterminal	red	1	540-0(\d)-X[EK](\d)
552	Terminal Clients	BEDAS 9840 / 9850	red	1	552-0(\d)-X[EK](\d)
553	Terminal Clients	BEDAS 9860	red	1	553-0(\d)-X[EK](\d)
554	Terminal Clients	BEDAS 98xx ( nur reserviert)	red	1	554-0(\d)-X[EK](\d)
555	Terminal Clients	BEDAS 98xx (ohne ZE / ZK)	red	1	555-0(\d)-X[EK](\d)
556	Terminal Clients	BEDAS 98xx (mit ZE / ZK)	red	1	556-0(\d)-X[EK](\d)
560	Terminal Clients	BEDEM 500/9	red	1	560-0(\d)-X[EK](\d)
561	Terminal Clients	BEDEM 954	red	1	561-0(\d)-X[EK](\d)
562	Terminal Clients	Bedas 9540	red	1	562-0(\d)-X[EK](\d)
563	Terminal Clients	Bedas 9560	red	1	563-0(\d)-X[EK](\d)
570	Terminal Clients	BT 920/930/950	red	1	570-0(\d)-X[EK](\d)
571	Terminal Clients	BT 920/930/950	red	1	571-0(\d)-X[EK](\d)
572	Terminal Clients	Bedas 9210/9220/9240/9320/9340	red	1	572-0(\d)-X[EK](\d)
574	Terminal Clients	Bedas 9320	red	1	574-0(\d)-X[EK](\d)
577	Terminal Clients	Bedas 9320, neuer Uhrenbaustein	red	1	577-0(\d)-X[EK](\d)
579	Terminal Clients	Bedanet 9320	red	1	579-0(\d)-X[EK](\d)
581	Terminal Clients	Bedanet 9220	red	1	581-0(\d)-X[EK](\d)
582	Terminal Clients	Time	red	1	582-0(\d)-X[EK](\d)
590	Terminal Clients	Bemat 960	red	1	590-0(\d)-X[EK](\d)
591	Terminal Clients	Bemat 961	red	1	591-0(\d)-X[EK](\d)
592	Terminal Clients	Bemat 955 / BT 955	red	1	592-0(\d)-X[EK](\d)
593	Terminal Clients	Bedas 9640	red	1	593-0(\d)-X[EK](\d)
594	Terminal Clients	Bedas 9520	red	1	594-0(\d)-X[EK](\d)
596	Terminal Clients	Bedas 9520	red	1	596-0(\d)-X[EK](\d)
597	Terminal Clients	Bedanet 9510	red	1	597-0(\d)-X[EK](\d)
652	Terminal Clients	Bedas 9260	red	1	652-0(\d)-X[EK](\d)
653	Terminal Clients	Bedas 9360	red	1	653-0(\d)-X[EK](\d)
654	Terminal Clients	Kantinenterminal	red	1	654-0(\d)-X[EK](\d)

655	Terminal Clients	Bedas 9260 ( ab BUDOS 5 )	red	1	655-0(\d)-X[EK](\d)
656	Terminal Clients	Bedas 9360 ( ab BUDOS 5 )	red	1	656-0(\d)-X[EK](\d)
657	Terminal Clients	Bedas 9360 Sonder-Terminal für ETH	red	1	657-0(\d)-X[EK](\d)
658	Terminal Clients	Bedas 9360 Autonom Terminal für ETH	red	1	658-0(\d)-X[EK](\d)
660	Terminal Clients	Bedas 9290	red	1	660-0(\d)-X[EK](\d)
665	Terminal Clients	B-web 9200 B-ClientAC30	red	1	665-0(\d)-X[EK](\d)
667	Terminal Clients	Bedanet 9290 / B-ClientLC3 (LiftControl)	red	1	667-0(\d)-X[EK](\d)
670	Terminal Clients	Bedas 9360, Sondersoftware Belegleser Mapal	red	1	670-0(\d)-X[EK](\d)
725	Terminal Clients	Bedanet 95 80 B-Client Kiosk5	red	1	725-0(\d)-X[EK](\d)
767	Terminal Clients	B-eco / B-Client PDC6 Partner Client	red	1	767-0(\d)-X[EK](\d)
801	Controller and Reader	Antenne 9001, 9004	red	1	801-0(\d)-X[EK](\d)
802	Controller and Reader	Antenne 9002 (PIN)	red	1	802-0(\d)-X[EK](\d)
836	Controller and Reader	Biometrieleser 91 50 (Legic/Mifare REMP)	red	1	836-0(\d)-X[EK](\d)
838	Controller and Reader	MCU 9001-K6	red	1	838-0(\d)-X[EK](\d)
840	Controller and Reader	B-Net 90 10 (Wiegand-BPA-Konverter)	red	1	840-0(\d)-X[EK](\d)
841	Controller and Reader	B-Net 90 20 (realisiert 2016 durch U. Titze)	red	1	841-0(\d)-X[EK](\d)
843	Controller and Reader	B-Net 91 20	red	1	843-0(\d)-X[EK](\d)
844	Controller and Reader	B-Net 91 04	red	1	844-0(\d)-X[EK](\d)
849	Controller and Reader	B-Net 91 05 FP	red	1	849-0(\d)-X[EK](\d)
850	Controller and Reader	Mifare WRU	red	1	850-0(\d)-X[EK](\d)
851	Controller and Reader	B-web 91 08	green	OK. No action required.	851-0(\d)-X[EK](\d)
852	Controller and Reader	B-web 91 15 (Remote Reader Mifare)	red	1	852-0(\d)-X[EK](\d)
853	Controller and Reader	B-web 91 04 (Coldfire)	red	1	853-0(\d)-X[EK](\d)
854	Controller and Reader	B-web 91 10 (Compact Reader Mifare)	red	1	854-0(\d)-X[EK](\d)
855	Controller and Reader	Remote Reader Legic / B-web 91 15	red	1	855-0(\d)-X[EK](\d)
856	Controller and Reader	Compact Reader Legic / B-web 91 10	red	1	856-0(\d)-X[EK](\d)
857	Controller and Reader	B-web 91 05 FP	red	1	857-0(\d)-X[EK](\d)
861	Controller and Reader	Bedanet 9105	red	1	861-0(\d)-X[EK](\d)
862	Controller and Reader	B-Net 91 06	red	1	862-0(\d)-X[EK](\d)
863	Controller and Reader	B-Net 91 20 FP	red	1	863-0(\d)-X[EK](\d)
864	Controller and Reader	B-Client XML9120	green	OK. No action required.	864-0(\d)-X[EK](\d)

884	Controller and Reader	Bedas 9110	red	1	884-0(\d)-X[EK](\d)
885	Controller and Reader	Bedas 9110-LEGICBedas 9105 LEGIC	red	1	885-0(\d)-X[EK](\d)
892	Controller and Reader	Bedanet 9120	red	1	892-0(\d)-X[EK](\d)
931	Controller and Reader	TagMaster XT-1 (ext. implementation des BPA-Protocols into TagMaster reader)	green	OK. No action required.	931-0(\d)-X[EK](\d)
932	Controller and Reader	TagMaster XT-mini (ext. implementation des BPA-Protocols into TagMaster reader)	green	OK. No action required.	932-0(\d)-X[EK](\d)

## 15 Functionality provided during PI#14 (Jan – Apr 2022)

### 15.1 Activation day: 2022-05-03

#### 15.1.1 exos - Online peripheral: Split passageways into elevators, depots, turnstiles and access points (PART-4488)

**Overview:** The counter for the passageways shall show in separate beams the count of access points, elevators, depots, and turnstiles. The number shall be the total count of passageways. The count of passageways is calculated:  $\text{passageways} = \text{access points} + \text{depots} + \text{elevators} + \text{turnstiles}$



If the user presses the info button, the GUI shows a pop-up dialogue which lists the exact count of each type of passageway.

#### Passageways

Type	
Access Points	4
Elevators	4
Depots	1
Turnstiles	1

#### Details

The following changes are done in the tree control of the online peripherals for an elevator controller:

- The type of an elevator controller is Elevator instead of Access Point
- The elevator controller shouldn't have the sub nodes *Door*, *Outside* and *Inside*. Instead, the registration unit and the components shall be directly below the elevator controller.
- The name of each *EF unit* below an elevator controller starts with 'Etage'

The following are done in the tree control of the online peripherals for a depot controller:

- The type of a depot controller is Depot Controller instead of Access Point
- The depot controller shouldn't have the sub nodes *Door*, *Outside* and *Inside*. Instead, the registration unit and the components shall be directly below the depot controller.
- The address of each *DT unit* below a depot controller shall be the depot address.
- The name of each DT unit shall start with 'Depot shelf ' followed by the depot address.
- The depot address of an DT unit shall be shown in the details table of the unit.

#### 15.1.2 Context sensitive help within chapter Peripherals Online for exos files (PART-4454)

There is an "i" button within chapter Peripherals Online for exos systems. With the button, an info

area can be displayed analogous to the scenario. The info area contains the legend with the abbreviations used for online peripherals. Only one info area is displayed at a time. If, for example, the scenario info is open, it is replaced by the new info area.

The screenshot displays a software interface with several sections:

- Top Section:** Progress bars for 'Depot controls' (0), 'Access points' (164), 'Mechanical components' (50), and 'License upgrade' (1).
- Media Section:** Overview of media types including Legic-S (Legic\_Prime\_LegicRF), LZSG Advant (CTC) (Legic\_advant\_ISO14443a), and Schlüssel (Legic\_Prime\_LegicRF).
- Peripherals Online Section:** Overview of online peripherals with progress bars for 'Registration Units' (166), 'Sub Devices' (136), 'Passageways' (160), 'Sub Stations' (55), and 'Communication Hubs' (1).
- Online Peripherals Table:** A table with columns for Address, Name, Type, Firmware, and Device IP. A red box highlights an information icon in the table header.
- Online Peripheral Device Tree (Legend):** A sidebar containing a list of abbreviations categorized by type:
  - Outside:** RU (Registration unit / Reader), DO (Electric strike), DC (Automatic door), PG (Passage detector), AA (Access allowed), RP (Door opener key), DH (Door handle), BC (Blocking contact), PC (Code lock function), IS (Identification successful), RS (Random rejection).
  - Door:** DO (Electric strike), FC (Frame contact), PG (Passage detector), ML (Motor bolt), M1 (Motor bolt 2 unlocking), M2 (Motor bolt 2 locking), M3 (Motor bolt 3), DC (Automatic door), AA (Access allowed), AD (Access denied), CU (CardLink update required), AR (Alarm relay), AL (Pre-alarm relay), BC (Blocking contact).

### 15.1.3 Ready for MATRIX build-in system data transfer (PART-1544)

With this version the Security and Health Check (SHC) is ready to receive data from MATRIX on premise installations. During the automatic upload the SHC determines the RMO or partner, the uploaded data belongs to. This is done by requesting the License Management System and there is a check if the licensee exists.

The customer table is extended to show if the data is uploaded manually or automatically.

### 15.1.4 Changes for MS Word document generation for exos (HSC-381)

We updated the report template for exos for several reasons:

- Several typos were in the old version of the report template which were corrected in the new version.
- The part about the media definitions is updated. The unused media definitions are not deleted anymore but are displayed with a grey background.
- The count definitions for some of the online devices are adapted to new rules.
- The count definitions for some of the standalone devices are adapted to new rules.

### 15.1.5 MS Word document generation for exos: French template (HSC-369)

The French version of the template is available.

## 15.2 Activation day: 2022-03-02

### 15.2.1 B-COMM: Show usage of default passwords in terminals as "red" (PART-4050)

In the output of the Current State scenario the details part of the online peripheral chapter and the standalone peripheral chapter show in the details table if the default password is in use. If so, it is rated with a red dot.

The following properties of an online device component and an offline device component in the data file signal the usage of the default password:

- defaultSshKey
- defaultPasswordFtpUserRoot
- defaultPasswordFtpUserAdmin
- defaultPasswordFtpUserLocaluser
- defaultPasswordKateUser

Example: The firmware is up to date, but the default password is in use:

735-07-X-K00	<span style="color: green;">●</span>	10.10.15.120	<table border="1"> <tr> <td>Connection</td> <td>Network UDP</td> <td></td> </tr> <tr> <td>Default SSH Key</td> <td><input checked="" type="checkbox"/></td> <td><span style="color: red;">●</span></td> </tr> <tr> <td>Device type</td> <td>B-web 97 00 B-Client HR30</td> <td></td> </tr> <tr> <td>Encrypted</td> <td><input type="checkbox"/></td> <td></td> </tr> <tr> <td>Firmware</td> <td>735-07-X-K00</td> <td></td> </tr> </table>	Connection	Network UDP		Default SSH Key	<input checked="" type="checkbox"/>	<span style="color: red;">●</span>	Device type	B-web 97 00 B-Client HR30		Encrypted	<input type="checkbox"/>		Firmware	735-07-X-K00	
Connection	Network UDP																	
Default SSH Key	<input checked="" type="checkbox"/>	<span style="color: red;">●</span>																
Device type	B-web 97 00 B-Client HR30																	
Encrypted	<input type="checkbox"/>																	
Firmware	735-07-X-K00																	

#### Recommended Actions

Peripherals Online	The default password is still used. It is recommended to use an individual password.		9700-K5 B-Client HR30, B-web 97 00 B-Client HR30	2
10.10.14.103	Firmware	Unknown state		<span style="color: gray;">●</span>
10.10.15.120	Default SSH Key	The default password is still used. It is recommended to use an individual password.		<span style="color: red;">●</span>
192.168.211.24	Firmware	Unknown state		<span style="color: gray;">●</span>
B-web 92 00 / B-web 90 01	Firmware	Unknown state		<span style="color: gray;">●</span>

### 15.2.2 exos License details: Changing the order in which the licenses are displayed (PART-4485)

To improve the display and to show the most important information regarding the licenses on the top left, the order of the display has been changed.

- Top left: Client specific licenses, the first client is always expanded
- Top right: Selection of clients
- Bottom left: Licensed exos options
- Bottom right: System Licenses, not expanded



Client spec. licenses		
DEFAULT_CLIENT		
%	Current Amount	Maximum Amount
Access points	171	256
Admin dialogs		21
Depot controls	2	3
Mechanical components		
Person with ESS functions	275	6000
Supervisor web clients	94	0
T&A person	0	0

Licensed exos options	
Description	%
Badge management	
CardLink	
KabaCard	
Programming of additional segments	
SAP interface	
Visitor management	

### 15.2.3 Tree-View: Lines alternating grey - white as in the table view (PART-4452, HSC-349)

As in the table view, the rows in the tree view tables are alternately displayed in grey and white

Online Peripherals +  

Address↑↓	Name↑↓	Type↑↓	Firmware↑↓
▼ F01	Frontserver Rümlang	CH	
▼ E012601	AMCE Rü.BG.UG.Steigzone Keydispensor	AMC2E	AMC2 2.1.10 E KA-7
3	LEGIC-S Alt		
▼ E01260101	Rü.BG.EG. Keydispensor Leser	Access Point	
▼		Outside	
E0126010101	Rü.BG.EG. Keydispensor Leser	RU	
E01260101	Depot	DT	
E01260101	Depot	DT	
E01260101	Depot	DT	

### 15.2.4 CSV Export: Change name scheme for generated csv file (PART-4452, HSC-352)

The name of the generated csv file shall follow the new scheme:

- Customer name, location\_SHC Export\_(Tree)TableTitle(multilingual)\_Date(YYYYMMDD)
- Example: Trisiam Automation AG, Bern\_SHC Export\_Online Peripherals\_20210923

### 15.2.5 Current state scenario for exos: CSV-Export of online peripherals activates "export in columns" per default (PART-4452, HSC-358)

The option "Export in columns" is selected per default in csv export configuration on online periphery for the current state scenario of an exos customer.

Firmware Selected 54 from 54  
Selected 9 from 9  
Device IP Selected 51 from 51

**Details**

Export rated details

Export other details: Number of IC8,Number of OC8,LEGIC info

Export all details in one cell

Export in lines

Export in columns

## 15.2.6 Media - Overview: Show technology in parenthesis in name field (PART-4452, HSC-351)

The technology of the medium is shown in parenthesis in the name field in the overview part of the media chapter. In this way the user can clearly see why a medium is shown in green, yellow or red.



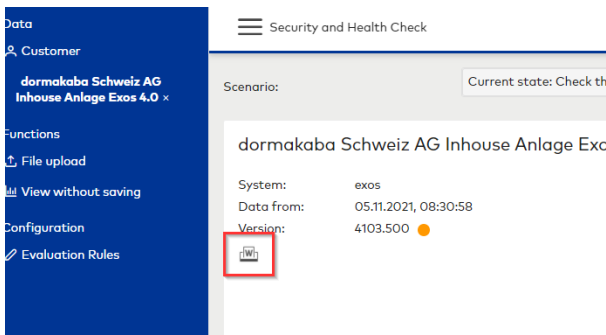
## 15.2.7 Generating MS Word document for exos (PART-3992, PART-4483)

With the present version, a Word template for exos systems can be filled with data from the Security and Health Check. The precondition is that the user has the right to use the template.

Benefit of using the template with SHC:

- Clear overview of deprecated hardware
- Help sales to make new offers for updates
- Cost reduction
- Prevent errors through automation

The Word file can be generated and downloaded via a button for exos systems in the "Current state" scenario. As soon as the template is available for further languages, a language selection is also displayed.

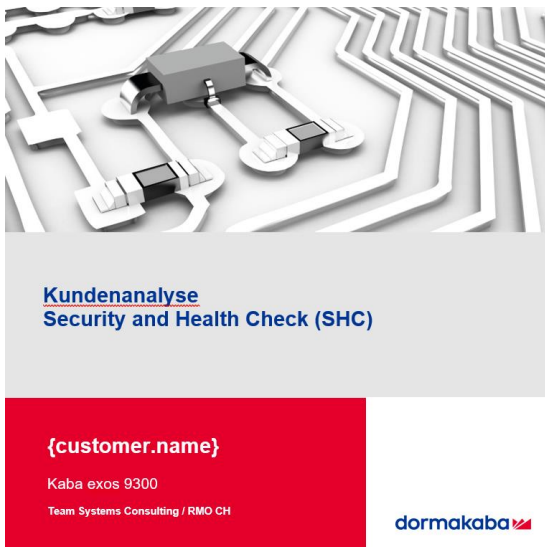


### User rights

The SHC user needs the right to generate the report (SHC-GLBL-report\_service). Otherwise, the button is not displayed.

### Template

The template consists of the basic structure, the body text and the images and is created by the Swiss RMO. It is currently only available in German! The text contains text marks that are replaced by the data from the SHC (e.g. {customer.name}).



Text passages that have to be edited manually because the data are not available in the SHC are marked in yellow.

## 1. Informationen Kunde

Kunde / Firma	{customer.name}
Systemlösung	Kaba exos9300
Ansprechperson Systemverantwortung	Name Vorname Mail: Telefon:
Ansprechperson IT	Name Vorname Mail: Telefon:
Weitere Kunde	Name Vorname Mail: Telefon:
Partner (Optional)	Name Vorname Mail: Telefon:
Dormakaba Schweiz AG Verkaufsberater	Name Vorname Mail: Telefon:

For values from the SHC for which a rating is stored, this is displayed in color.  
Template:

### 3.1 Software

Bestandteile	Analyse
{#hostSystem.rating===85} Software Release	Release: {hostSys System.buildVersi
{#hostSystem.rating===55} Software Release	Release: {hostSys System.buildVersi
{#hostSystem.rating===25} Software Release	Release: {hostSys System.buildVersi
Software Lizenzen	SW-Lizenz Kaba e SW-Lizenz Kaba e SW-Lizenz pro zu

Examples for generated Word file:  
exos release 314.1471 is marked as red.

### 3.1 Software

Bestandteile	Analyse
Software Release	Release: 314.1471
Software Lizenzen	SW-Lizenz Kaba exos 93 SW-Lizenz Kaba exos 93 SW-Lizenz pro zusätzlich SW-Lizenz Administration












LEGIC prime is marked as red.

### 3.6 Ausweismedien RFID

Technologie	Beschreibung / Info	Markteinführung
LEGIC prime	RF-Standard	1992
<i>Technologie ist abgekündigt</i>		

The number of different types of peripherals are taken from the SHC.

### 3.8 Peripherie Online

	Generation 1 (1990-2010)	Generation 2 (2005-2017)	Aktuell (2015-heute)
<b>Controller</b>  <i>Generation 1 &amp; 2 sind abgekündigt</i>	AMx Beta Box  	AMCI (Wand / Rack) AMCII (Wand) AMM / AML  	92 00-K5 92 00-K7  
		1 x AMM / AML	
<b>Zutrittsmanager</b>  <i>Generation 2 sind abgekündigt</i>		iDML2 AMM / AML  	92 00-K5 92 00-K7  
		88 x DML2 25 x AMM / AML	39 x 92 00-K5
<b>Türmanager</b>  <i>Generation 1 &amp; 2 sind abgekündigt</i>	LS-100 LS-110  	DML2 DMU2  	91 25 91 15  
			3 x 91 15
<b>Leser</b>  <i>Generation 1 &amp; 2 sind abgekündigt</i>	LFR-100 B-Net 9105 / Bedanet 9105  	cDML  	91 04 91 10 / 91 12  

## 16 Functionality provided during PI#13 (Oct – Dec 2021)

### 16.1 Activation day: 2021-11-23

#### 16.1.1 New tenant "Demo systems" (HSC-296)

Since 2021-11-02 there is a new tenant "Demo systems" for marketing purposes and for trainings on production stage. This feature does not include the generation of anonymous demo files. Users who want to use the tenant must apply for a corresponding right through the usual channels.

Tenant:  ▼

#### 16.1.2 Peripherals - Filter without structural information (PART-4051)

It is now possible to filter the periphery data (online and standalone) with omitting of the structure. There is a new function/button "Open filter without tree view". Then all results are displayed in a flat table and filtering is possible without hits in the line with the structure information. With structural information (as known)

Online Peripherals + 🔍 📄 🔗

Address↑↓	Name↑↓	Type↑↓	Firmware↑↓	Device IP↑↓
			AAMB 02.04... Matches: 1	
▼ F02	Communication Hub 02 Zürich Geb 3/15 / Widen/ Kirchberg	CH		10.5.56.63
▼ I020106	ZRH.Garagentoreinfahrt.Kont...	AML	AAMB 02.04.007 RA	10.154.89.249
📌 02010601	ZRH.Garagentoreinfahrt.Kont...	Access Point		

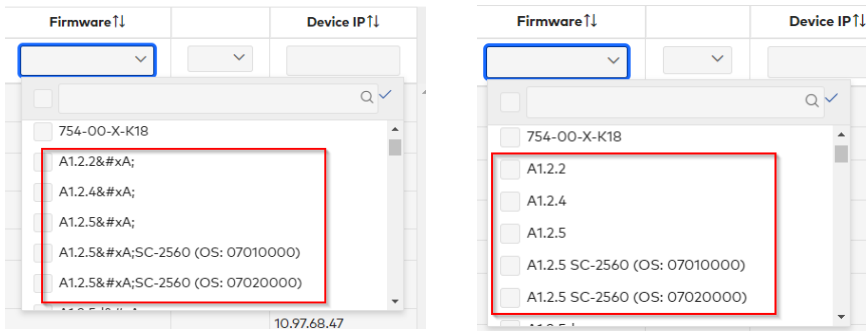
#### Without structural information (new)

Online Peripherals + 🔍 📄 🔗

Address↑↓	Name↑↓	Type↑↓	Firmware↑↓	Device IP↑↓
			AAMB 02.04... Matches: 1	
I020106	ZRH.Garagentoreinfahrt.Kont...	AML	AAMB 02.04.007 RA	10.154.89.249

#### 16.1.3 exos Files: Replace control characters with white space (HSC-307)

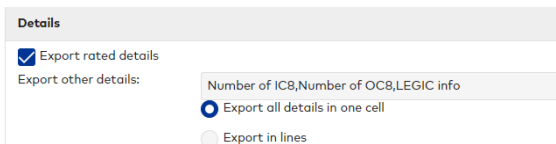
The exos data file contains control characters such as &#xA, &#10, &#xD, etc. The SHC eliminates these characters and replaces them with a whitespace character if a whitespace character is not already there.



### 16.1.4 exos Current state scenario: CSV-Export 3 new default values (PART-4048)

Default of selected values is added by 3 new details for csv exporting in online periphery in current state scenario of exos:

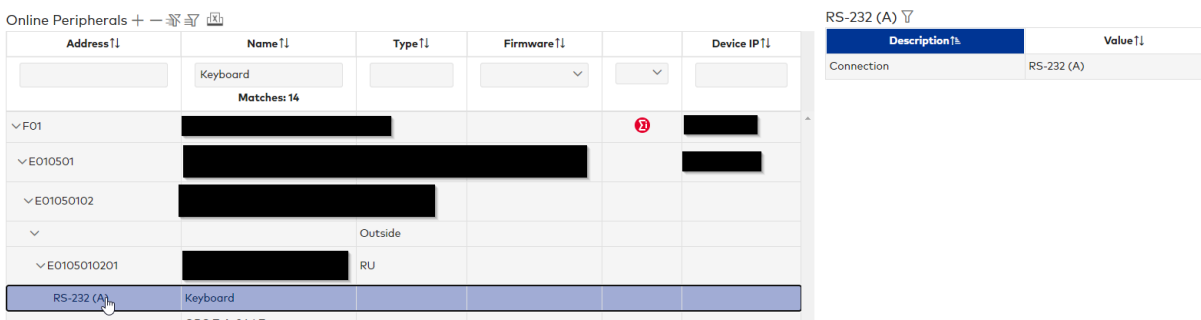
- Number of IC8
- Number of OC8
- LEGIC info.



### 16.1.5 Display of registration unit with connected keyboard (PART-4046)

If a keyboard is connected to a registration unit, the keyboard is also displayed as a device.

- Column "Address": Connection Type (e.g. RS-232 (A))
- Column "Name": EN - "Keyboard", DE - "Tastatur"
- Details: New entry EN – "Connection", DE – "Anschluss" with connection type (e.g. RS-232 (A))



### 16.1.6 Recommended actions: Quantity structure (PART-3991)

The collection of recommended action items in the cockpit is extended with two new columns, one for the panel information (e.g., System, License, Media, Peripherals Online, Peripherals Standalone) and one for the device. The device column contains information about the device type. The column recommended actions stays the same.

Note: If there is a recommended action for more than one device type, the device types are displayed in one cell, separated by a comma.

Rating details



Recommended actions

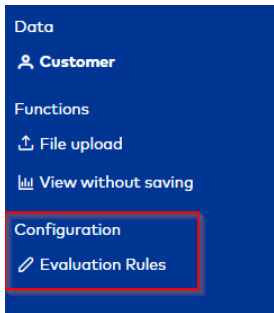
It	Recommended actions [1]	Device [1]	Matches [1]
License	The count of licenses is consumed. Please enlarge the license count.		1
Media	Change media		3
Media	Change application		3
Media	Unknown state		7
Media	OK. No action required.		16
Peripherals Online	Unknown state	AMCB, LS-110, DML2, AMC4II, AMCBII, AMCBEOII, DMU2, cDML, iDML2, AML	32
Peripherals Online	The product with firmware AAMB 02.07.016 RA has been discontinued. An exchange to a new product is strongly recommended.	AML	3
Peripherals Online	The firmware BAMB 03.00.028 RA has been discontinued. An update to the current version is strongly recommended.	AML	4
Peripherals Online	The firmware BRRB03.0ORB_ has been discontinued. An update to the current version BRRB04_04RC is strongly recommended.	RRL	1
Peripherals Online	The firmware BAMB 03.01.008 RA has been discontinued. An update to the current version is strongly recommended.	AML	4
Peripherals Online	The firmware BAMB 03.03.025 RA has been discontinued. An update to the current version is strongly recommended.	AML	1
Peripherals Standalone	The product with firmware 3.88 has been discontinued. An exchange to a new product is strongly recommended.	Reader Elolegic U-Line V3	14
Peripherals Standalone	The product with firmware 3.92 has been discontinued. An exchange to a new product is strongly recommended.	C-Lever U-Line V3	28
Peripherals Standalone	The product with firmware 3.92 has been discontinued. An exchange to a new product is strongly recommended.	C-Lever U-Line V3	3
Peripherals Standalone	The product with firmware 3120 has been discontinued. An exchange to a new product is strongly recommended.	Doppelknopf U-Line V3, Reader Elolegic U-Line V3, C-Lever U-Line V3	6
Peripherals Standalone	The product with firmware ACLV41.14RAR has been discontinued. An exchange to a new product is strongly recommended.	C-Lever Legic Advant E300 V4	61

# 17 Functionality provided during PI#12 (Jul – Sep 2021)

## 17.1 Activation day: 2021-10-11

### 17.1.1 Front end for evaluation rules of "Current state" scenario (Input and maintenance of data) (PART-3252)

There is a new menu item in the menu tree "Configuration > Evaluation Rules" to open the page for viewing and editing the evaluation rules. The menu item is only displayed if the user has the corresponding user right.



The SHC GUI shows all evaluation rules for the scenario "Current State" in a list. The user cannot add new rules, these are predefined by the development.

Category <sup>1</sup>	Id <sup>1</sup>	Expression <sup>1</sup>	Activation Date (Base/Tenant) <sup>1</sup>	Superseded by tenant <sup>1</sup>	Base	Tenant (Default)
BCOMM	BCOMM_VERSION	(\d+)[,](\d+)	- / -	<input type="checkbox"/>	<a href="#">Q</a> <a href="#">P</a>	<a href="#">P</a>
BCOMM	BCOMM_ONLINE_DEVICES_COUNT	*	- / -	<input type="checkbox"/>	<a href="#">Q</a> <a href="#">P</a>	<a href="#">P</a>
BCOMMERP	BCOMMERP_VERSION	(\d+)[,](\d+)[,](\d+)	- / -	<input type="checkbox"/>	<a href="#">Q</a> <a href="#">P</a>	<a href="#">P</a>
Controller and Reader	9115_K5_KCP_HW_MRD_VERSION	BRRB(\d+)[,](\d+)	- / -	<input type="checkbox"/>	<a href="#">Q</a> <a href="#">P</a>	<a href="#">P</a>
Controller and Reader	9115_K5_KCP_HW_LEGIC_VERSION	ARRB(\d+)[,](\d+)	- / -	<input type="checkbox"/>	<a href="#">Q</a> <a href="#">P</a>	<a href="#">P</a>
Controller and Reader	9115_K5_KCP_HW_MIFARE_VERSION	MRRB(\d+)[,](\d+)	- / -	<input type="checkbox"/>	<a href="#">Q</a> <a href="#">P</a>	<a href="#">P</a>
Controller and Reader	9125_K5_KCP_HW_MRD_VERSION	BREB(\d+)[,](\d+)	- / -	<input type="checkbox"/>	<a href="#">Q</a> <a href="#">P</a>	<a href="#">P</a>

The list contains the base rules which are valid for all systems and also the overwritten rules which can be set for the selected tenant (RMO).

Column **Category**: Category to which the rule belongs, e.g., to which host system or to which group of devices.

Column **Id**: Shows the unique identifier of the rule.

Column **Expression**: Shows the used regular expression for the rule.

Column **Activation Date (Base/Tenant)**: Shows the activation date from when the rule will be activated for the base or tenant. If there is no date, it means that the rule is active.

Column **Overwritten by tenant**: Shows whether it is an overwritten rule for the tenant.

Column **Base**: Show current rule or create a new rule for the future.

Column **Tenant (Selected Tenant)**: Create a rule for the selected tenant for the future. The tenant can be selected by the selection field above in the header.

Edit page for a selected rule

The Valuation Rules screen allows you to adapt a rule for future analyses and to test the changes in advance.

The screen consists of the following blocks:

- Header
- Ratings
- Template Values for action texts
- Security Issues
- Test

The block **Header** shows the basic information for the selected rule, that can't be changed by the SHC user.

Display field **Rating Id**: Shows the unique identifier of the rule.

Display field **Expression**: Shows the used expression for the rule.

Display field **Parameter**: Shows the parameters, that are used in the rule. The values in brackets of the expression are stored in the parameters in order and can be used in the evaluations.

Date picker **Activation Date**: Show and edit the date from which the rule change is to be applied for the future. The default value is "Tomorrow".

The block **Ratings** shows the currently applied evaluations. These ratings can be changed by the user, either to update a basic rule or to define a specific rule for a tenant.

To **edit the rating**, the user can click on the corresponding cell in the table.

	Rating	Recommended Action	Condition	
1	Green	OK. No action required.	(brrbFirmwareMain == 4) && (brrbFirmwareMiddle == 4)	▼ 🗑️
2	Yellow	The firmware \$(currentValue) is still in maintenance but not up to date. Check an update to the current version \$(latestVersion).	(brrbFirmwareMain == 4) && (brrbFirmwareMiddle >= 1)	▲ ▼ 🗑️
3	Yellow	The Firmware \$(currentValue) is still in maintenance but not up to date. Check an update to the current version \$(latestVersion).	(brrbFirmwareMain == 3) && (brrbFirmwareMiddle == 4)	▲ ▼ 🗑️
4	Red	The Firmware \$(currentValue) has been discontinued. An update to the current version \$(latestVersion) is strongly recommended.	(brrbFirmwareMain == 3) && (brrbFirmwareMiddle < 4)	▲ 🗑️

Column **Rating**: Show and edit the color for the recommended action. Available colors

- Green
- Yellow
- Red

Column **Recommended Action**: Show and edit the text element, that is used for the condition. The user can choose between a predefined number of text elements.

Column **Condition**: Show and edit the condition for the parameters of the rule.

Button **Move entry up / Move entry down**: Defines the order in which the condition is applied.

Button **Delete entry**: Deletes the rating of the chosen line.

The block **Template Values for action texts** shows the name of used template values and the value itself e.g., the value for the latest version of a soft- or firmware. The user can create, edit and delete

template values (that are used in the text elements of recommended actions).

Template Values for action texts		
	Name	Value
1	latestVersion	3.7.0
2	<input type="text" value="Please enter a name"/>	Please enter a value

The block **Security Issues** shows, if there are special notes for security like availability of new open-source libraries. The user can create, edit and delete security issue parameter.

**Security Issues**

Evaluate Security Issues

Action text (rating yellow)  
There are safety instructions for version \${currentValue}. Check an update to the current version \${latestVersion}.

Action text (rating red)  
There are safety instructions for version \${currentValue}. An update to the current version \${latestVersion} is strongly recommended.

Parameter

Name	Value
software	"MATRIX"
version	matrixMainVersion + "*" + matrixMinorVersion + "*" + matrixPatchVersion

Checkbox **Evaluate Security Issues**: Specifies whether to evaluate security instructions for this rule.  
 Selection field **Action text (rating yellow)**: The text to be displayed as a recommendation for action in the case of a yellow rating.

Selection field **Action text (rating red)**: The text to be displayed as a recommendation for action in the case of a red rating.

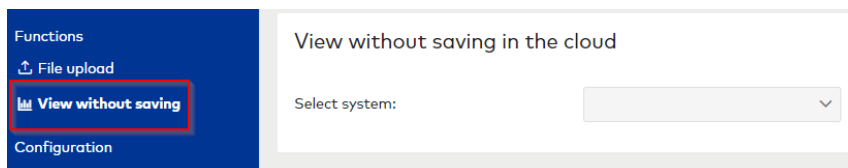
Input fields **Parameter**: Defines the parameters and their values that are used to check whether safety instructions are given. Either fixed values or the parameters from the regular expression can be used here.

With the block **Test** it can be checked whether the settings made are correct and produce the expected result.

### 17.1.2 Display and analysis "On-the-fly" for customers with NDA (PART-3480)

This function is for users who want to analyze data from a customer for which they have signed a NDA not to make the data available to anyone else.

There is a new **menu item in the menu tree** "View without saving" to analyze data "on-the-fly". The menu item is only displayed if the user has the corresponding user right.



Once a system has been set, it is possible to choose for which client which scenario should be applied.

View without saving in the cloud

Select system:

Select scenario:

Choose file:

Select box **Select system**: Selector for all available systems in SHC.

Select box **Scenario**: Selector for all available scenarios of the given system. The select box is only visible if a system is selected. The first scenario is selected automatically. The change of the scenario triggers re-evaluation of a selected file (see below).

File chooser **Choose File**: With the button "Choose and show for *tenant/RMO*" a customer file can be selected that must fit the given system. The selection is only for display of the evaluation result without saving the data in the cloud. The rules for the tenant (RMO) selected by the user are applied. The file chooser is only visible if a system is selected. The uploading of the selected file is triggered immediately.

After selecting the scenario and the customer, the analysis data are displayed in the same way as usual.

### 17.1.3 TreeTable CSV export - details in one cell: Contents were partially displayed in a shifted manner (HSC-299)

When using the export of details into a cell, the contents were partially shifted. The bug has been fixed. Hotfix on "Production" stage 2021-09-14.

## 18 Functionality provided during PI#11 (Apr – Jun 2021)

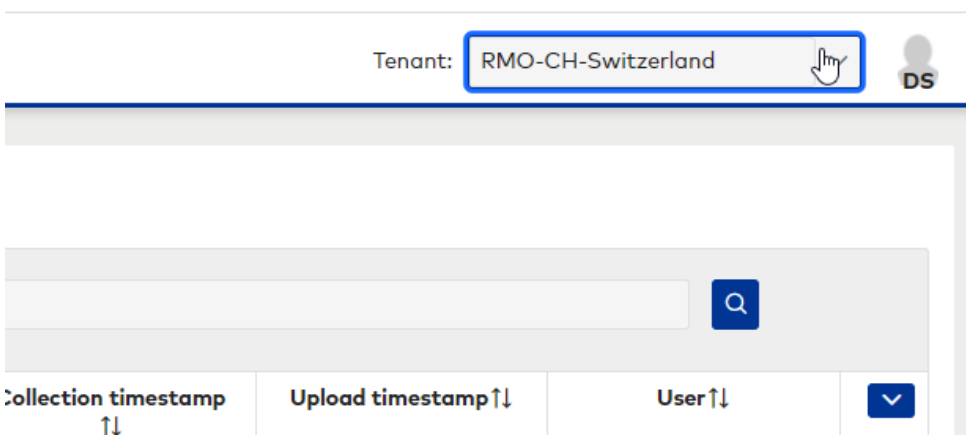
### 18.1 Activation day: 2021-06-28

#### 18.1.1 User management: Separation of data for RMOs (as "tenants") (PART-2977)

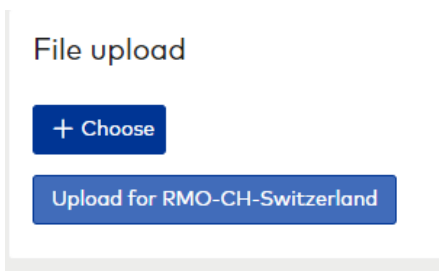
With the version going live, the separation of customer data according to RMOs (tenants) was implemented. Previously, all customer data was assigned to one default tenant. Therefore, all users of the SHC are assigned to one or a selection of RMOs. The data view and the upload of the data are always related to a specific RMO.

Tenant (RMO) selection

- The tenant selection has been added. If a user has only one tenant (RMO), the selection field is readonly and shows the user to which RMO he is assigned (according to the pattern "RMO-CH-Switzerland" see below).
- Users with rights for more than one RMO can select the tenant.



When uploading data, the identifier for which RMO the data is uploaded has been added. For users with more than one RMO, this is to ensure that incorrect assignments are prevented.



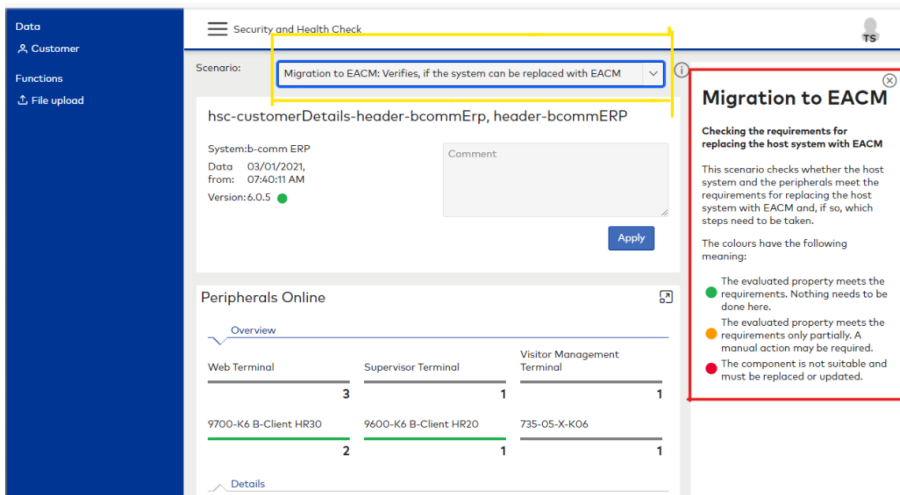
When changing the tenant (RMO), an open client view is closed and favourites in the menu are removed in order to maintain the consistency of the data display.

Based on the feedback from the stakeholders, it was decided that it is not necessary to do a migration of existing data. Reason: When analysing customer data, the user usually uploads new data anyway.

Therefore, no migration of the existing data will be carried out. The active users were informed by e-mail before going live.

#### 18.1.2 b-comm ERP: New Scenario "Migration b-comm ERP to EACM" (PART-2417)

The scenario "Migration to EACM" was added for b-comm ERP systems. The scenario verifies, if the b-comm ERP system can be replaced with EACM.



The migration scenario checks whether the hardware (peripherals) existing in b-comm ERP is supported by EACM. Accordingly, the peripherals panel is displayed with the information whether certain device types or versions (of clients) are supported.

- **Green** - The evaluated property meets the requirements. Nothing needs to be done here.
- **Yellow** - The evaluated property meets the requirements only partially. A manual action may be required.
- **Red** - The component is not suitable and must be replaced or updated.

### 18.1.3 b-comm ERP: New Scenario "Current state" (PART-2976)

The b-comm ERP system has been extended to display the Current state scenario. The following is evaluated for the assessment:

- Version of the system
- Periphery Online and Periphery Standalone
  - Rules and action instructions analogous to B-COMM, exos or MATRIX.

### 18.1.4 Security issues: Enhancements and changed content (PART-2954, PART-2824)

The Evaluation Engine has been extended to include the possibility of evaluating the security scenario in addition to the current state scenario and generating an action instruction from both together.

The content of the security issues has been changed and is currently only available for the MATRIX system. The security instructions refer exclusively to the libraries used and are based on the information published in the release notes. The evaluation of non-up-to-date libraries is rated as recommendation (yellow). If security instructions are available, the following text is displayed: "There are safety instructions for version x.y.z" ...

Content (example):

Component	Update to	Fixed from	Description
Apache Tomcat	9.0.39	3.7.0	The version of Apache Tomcat was upgraded to stay up to date with security patches
Apache Tomcat	9.0.35	3.6.0	The version of Apache Tomcat was upgraded to stay up to date with security patches
Apache Tomcat	9.0.26	3.5.0	The version of Apache Tomcat was upgraded to stay up to date with security patches
Java Runtime	11.0.9	3.7.0	The version of the Java Runtime (AdoptOpenJDK) was upgraded to stay up to date with security patches
Java Runtime	11.0.7	3.6.0	The version of the Java Runtime (AdoptOpenJDK) was upgraded to stay up to date with security patches
Java Runtime	11.0.5	3.5.0	The version of the Java Runtime (AdoptOpenJDK) was upgraded to stay up to date with security patches

### **18.1.5 Firmware: Treatment of hotfix and commercial versions (PART-2824)**

In addition to the commercial versions, there are also versions that are delivered to customers, e.g., as a hotfix (e.g., so-called "E" version), especially in the context of controllers and terminals. These versions have been included in the evaluation rules and are rated like commercial versions.

Detail information

Both versions differ in a letter in the id. Example: 738-05-X-E06, commercial: 738-05-X-K06

# 19 Functionality provided during PI#10 (Jan – Mar 2021)

## 19.1 Activation day: 2021-03-29

### 19.1.1 Instruction for action: Detailed information about action points (PART-1746)

The SHC has been extended by a mechanism to provide additional information on an action instruction like concrete security issues. This can be used to give reasons why a change to a current version is necessary. Currently, such security information is only available for the MATRIX system. Information like this must be provided for the other systems and firmware too (in future).


If there is extended information for an action instruction, a small "i" is displayed in the traffic light and the mouse over text displays the note "Click for further details...".

If there are security issues, the traffic light display is overwritten, and the security issues are pointed out. Rating scheme for traffic light display

- Low and Medium Issues "yellow"
- High and Critical Issues "red"


The security issues are displayed with ID, severity, fixed in, description and component.

Rating details

Recommended actions 

**Recommended actions**

There are safety instructions for version 3.5.0.72121. An update to the current version 3.7.0 is strongly recommended.


Details 

Id	Severity	Fixed in	Description	Component
CVE-2020-14573	Low	3.7.0	Vulnerability in the Java SE product of Oracle Java SE (component: Hotspot) ... <a href="#">show more</a>	JRE
CVE-2020-13943	Medium	3.7.0	If an HTTP/2 client connecting to Apache Tomcat 10.0.0-M1 to 10.0.0-M7, 9.0 ... <a href="#">show more</a>	Apache Tomcat
CVE-2020-13935	High	3.7.0	The payload length in a WebSocket frame was not correctly validated in Apac ... <a href="#">show more</a>	Apache Tomcat
CVE-2020-13934	High	3.7.0	An h2c direct connection to Apache Tomcat 10.0.0-M1 to 10.0.0-M6, 9.0.0.M5 ... <a href="#">show more</a>	Apache Tomcat
DUMMY	High	3.7.4   3.6.8	DUMMY.	Apache Tomcat
MTX-48866	Medium	3.7.0	Communication between MATRIX and TP4 controller is now restricted to TLS v1 ... <a href="#">show more</a>	Device Management
MTX-48203	High	3.7.0 3.6.1	Cross-Site-Scripting risk when uploading images of type SVG fixed	Persons
CVE-2020-2816	High	3.6.0	Vulnerability in the Java SE product of Oracle Java SE (component: JSSE). S ... <a href="#">show more</a>	JRE
CVE-2020-2781	Medium	3.6.0	Vulnerability in the Java SE, Java SE Embedded product of Oracle Java SE (c ... <a href="#">show more</a>	JRE

X Close

The same functionality is provided for the panel "Recommended Actions" with a "i" in a blue circle. The number of times all instructions have to be executed is summed up. Filters and export options are available. Example: Migration to LEGIC advant scenario:

Rating details

Recommended actions 

Recommended actions	Matches
If the hardware is compatible with advant, media can be switched to advant (14443A).	2
OK. No action required.	269
The device is not advant compatible	97
The device is not advant compatible. The hardware must be exchanged.	34
Unknown state	1
You have to update the LEGIC OS.	43

X Close

### 19.1.2 B-COMM systems: New Scenario "Current state" (PART-2416)

The B-COMM system has been extended to display the Current state scenario. The following is evaluated for the assessment:

- Version of the system
- Licenses (Consumption: Current Amount – Maximum Amount)
- Periphery Online and Periphery Standalone
  - Rules and action instructions analogous to exos and MATRIX.

Scenario: Current state: Check that the entire system and some parameters are up to date

Peripherals Online and Peripherals Standalone, Albertstr. 3, 78056 Villingen-Schwenningen, Germany

System: B-COMM  
 Data from: 12.11.2020, 12:02:51  
 Version: 5.0.0 Beta ●

Comment

### 19.1.3 b-comm ERP systems as a new system in SHC - Display data without scenario (PART-2421)

A data collector is available for B-COMM systems and corresponding data can be loaded in the SHC and is displayed there with an own system identifier "b-comm ERP".

System ⌵

B-COMM

b-comm ERP

The data are displayed on different panels per customer, analogous to the exos, MATRIX or B-COMM systems. At the moment this is only visualizes the data without Current state scenario.

- Header with information about the customer and the used host system version  
 Kaba GmbH Hausinstallation, Albertstrasse 3, 78056 Villingen-Schwenningen, DE

System: b-comm ERP  
 Data from: 01.03.2021, 07:40:11  
 Version: 6.1.11

- System

System ⌵

---

Details

Last Update: 05.11.2020, 10:59:47

System information ⌵

Description	Value
Build number	22
Customer version in use	
Database type	SQLServer
Java vendor	Oracle Corporation
Java version	11
Operating system	Windows 10
Operating system architecture	amd64
Operating system version	10.0
Server Ip	10.10.11.234
Server name	devism00162

Memory ⌵

Description	Free	Total
C:\	287 GB	476 GB
Java Memory	37 MB	512 MB

- License

License



Details

Platform: Windows 10  
Company name: Kaba GmbH Hausinstallation

Licensed b-comm ERP options

Description	Max. user	Expiration date	Valid
Access control	500	31.12.9999	<input checked="" type="checkbox"/>
APP Resource reservation	2	31.12.9999	<input checked="" type="checkbox"/>
Biometry	500	31.12.9999	<input checked="" type="checkbox"/>
ESS Employee	250	31.12.9999	<input checked="" type="checkbox"/>
ESS Manager	50	31.12.9999	<input checked="" type="checkbox"/>
HR Employee	500	31.12.9999	<input checked="" type="checkbox"/>
HR Reception	500	31.12.9999	<input checked="" type="checkbox"/>
Httml time sheet	500	31.12.9999	<input checked="" type="checkbox"/>
Kaba App ESS	250	31.12.9999	<input checked="" type="checkbox"/>
Masterdata Records	500	31.12.9999	<input checked="" type="checkbox"/>

- Peripherals Online

Peripherals Online

Details

Online Peripherals

Terminal ID	Device type	Ip Address	Firmware
1	Web Terminal	127.0.0.1	
2	Supervisor Terminal	127.0.0.1	
3	Visitor Management Terminal	127.0.0.1	
10153	Web Terminal	127.0.0.1	
10177	Web Terminal	127.0.0.1	
10314	9700-K6 B-Client HR30	10.10.10.97	735-05-X-K06
10315	9600-K6 B-Client HR20	10.10.4.82	736-07-X-E00
10316	9700-K6 B-Client HR30	10.10.4.18	735-07-X-E00
10318	735-05-X-K06	10.155.1.32	unknown

### 19.1.4 Update of the evaluation rules (PART-2112)

The evaluation rules were updated to a current status.

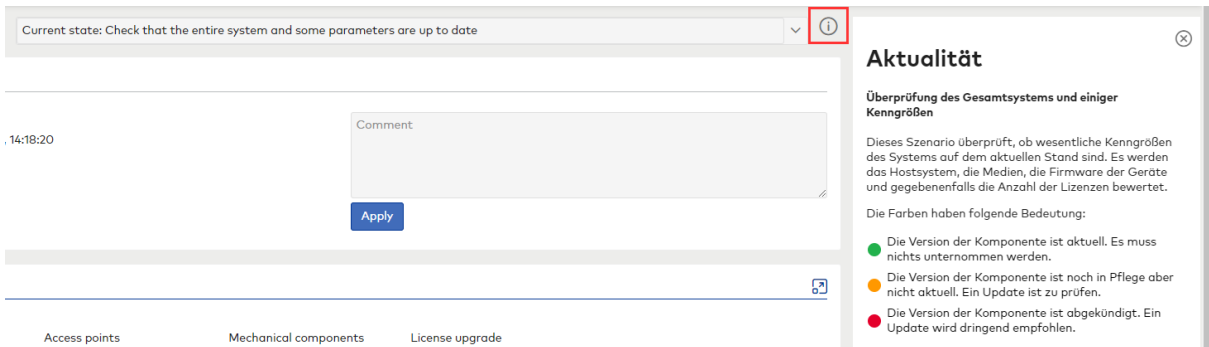
- HSC-190 Scenario Current state: Update evaluation rules for evolo
- HSC-191 Scenario Current state: Update evaluation rules for host systems
- HSC-200 Scenario Current state (EACM): Changed evaluation of licenses

## 19.2 Activation day: 2021-02-15

### 19.2.1 Brief description for each scenario in a help panel (PART-2407)

Customer details: A button next to the selection field for the scenario to be applied allows the user to view a brief description of the scenario. The short description also contains the explanation for the traffic light colors related to the concrete scenario.

At the moment the short description is only available for German. English will follow at a later date.



### 19.2.2 Instruction for action: Information about actual and target value (e.g. latest current version) (PART-1745)

The currently installed version and the target version valid at the time of the analysis are displayed directly in the action instruction. This is only available for newly uploaded files. The existing data files are unchanged.

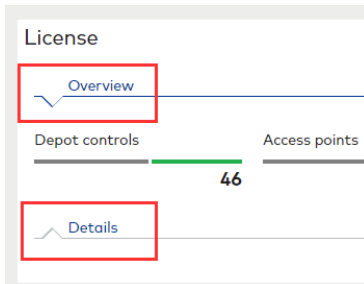
Example:

The version of the web server Apache Tomcat/9.0.19 supplied by MATRIX is not up to date. An update to the current patch or main release version of MATRIX with the current web server version 9.0.27 is strongly recommended.

3105	Firmware	The firmware MIFARE_A 1.28 10.03.11 has been discontinued. An update to the current version 3.70 is strongly recommended.	●
3106	Firmware	The firmware DOORMODUL_D 03.67 04.05.17 is still in maintenance but not up to date. Check an update to the current version 3.67.	●

### 19.2.3 Customer details > Panels: Summary and details separately expandable (PART-2845, HSC-195)

To allow the user to view both the summary for a panel (e.g. System, Peripherals Online) and the details, the handling of the GUI has been changed accordingly. This also more clearly indicates that these are expandable areas. Initial feedback was that this was not recognized by untrained users. Default setting is unchanged: Summary is expanded, details are closed.



## 20 Functionality provided during PI#9 (Oct – Dec 2020)

### 20.1 Activation day: 2021-02-15

#### 20.1.1 Further scenario - Migration from LEGIC prime to LEGIC advant for exos systems (PART-1547)

For exos systems, the LEGIC prime to advant scenario is now available in addition to the Current state and AMC to K7. This scenario checks the conditions for changing the medium to LEGIC advant.

LEGIC prime -> advant: Verifies the conditions for the switch from LEGIC prime to LEGIC advant
AMC -> K7: Verifies if the K7-controllers can replace the AMCs
Current state: Check that the entire system and some parameters are up to date
LEGIC prime -> advant: Verifies the conditions for the switch from LEGIC prime to LEGIC advant
<a href="#">Kommentar</a>

Three cases are distinguished:

The device has hardware AND firmware that supports LEGIC advant. In this case, nothing needs to be done and the device is displayed with the rating "green".

The device has hardware that supports LEGIC advant, but the firmware does NOT and must be updated. In this case, the device is displayed with a rating of "yellow" with an appropriate action instruction.

The device has hardware that does NOT support LEGIC advant or LEGIC OS does NOT support LEGIC advant. In this case, the device is displayed with the rating "red" with an appropriate action instruction.

Firmware	You have to update the LEGIC OS.	●
Firmware	You have to update the LEGIC OS.	●
Firmware	You have to update the LEGIC OS.	●
Firmware	You have to update the LEGIC OS.	●
Firmware	The device is not advant compatible	●
Firmware	The device is not advant compatible	●
Firmware	The device is not advant compatible	●

Note to the MATRIX system: For MATRIX, this scenario does not result in any added value. There are very few existing customers using LEGIC prime and the existing ones use 100% exDORMA components, which are all LEGIC advant capable. If new dormakaba components have been added in the meantime, these do not have an old status.

#### 20.1.2 B-COMM as a new system in SHC - Display data without scenario (PART-1885)

A data collector is available for B-COMM systems and corresponding data can be loaded in the SHC

and is displayed there with an own system identifier.

	System ↑↓	SYS	MED	PER	Collection timestamp ↑↓	Upload timestamp ↑↓	
056	B-COMM				12.11.2020	15.01.2021, 09:04:35	A

The data are displayed on different panels per customer, analogous to the exos and MATRIX systems. At the moment this is only visualizes the data without Current state scenario.

- Header with information about the customer and the used host system version

Internal version, Albertstr. 3, 78056 Villingen-Schwenningen, Germany

System: B-COMM  
 Data from: 12.11.2020, 12:02:51  
 Version: 5.0.0 Beta

- System

System

System information

Description	Value
Installation directory	E:\git-repository\b-comm-java\runExtern\
Installation type	Separate
Java vendor	AdoptOpenJDK
Java version	11.0.7
Number of processors	12
Operating system	Windows 10
Operating system architecture	amd64
Operating system version	10.0
Server IP	10.240.162.35
Server name	DEVISM00141.ddc.mydorma.com

Memory

Description	Free	Max
C:\	384,99 GB	476,72 GB
D:\	735,27 GB	750,25 GB
E:\	1.054,93 GB	1.112,64 GB
Java memory	496,82 MB	510,0 MB

- License

License

Platform name: Windows  
 Company name: dormakaba EAD GmbH  
 Expiration date: 31.12.2020

System licenses

It.	Current Amount	Maximum Amount
Terminals	13	99999

Licensed MATRIX options

Description
AVISO programming module
Biometrics
CardLink
E-Mail server
Mobile Access
Multiple application interfaces
Parameter editors
Terminal state
User data communication
User management
Whitelist

- Peripherals Online

Peripherals Online

Name	Device type	Firmware	Network address
AMM	Terminal		
>	B-web 92 00	AMM-00-X-K00	10.10.5.42
>	KBS		
>	CardLink		
>	Elolegic		
>	Whitelist		
>	Whitelist 2		

Description	Value
Client type	Terminal
Number of Online Peripherals	2

- Peripherals Standalone

Peripherals Standalone

Name	Device type	Firmware	Serial number
>	CardLink		
>	Elolegic		
>	Whitelist		
	C-Lever Mifare evolo V4		
	C-Lever Mifare evolo V4		
	C-Lever Legic Advant Wireless E321 V4		
	Digital Cylinder Legic Advant Wireless BLE E360 V4	BDCA42.34RAL	120245393

### 20.1.3 EACM systems: New Scenario "Current state" (PART-1886)

The EACM system has been extended to display the Current state scenario. The following is evaluated for the assessment:

- Version of the system
- Licenses (Consumption: Current Amount – Maximum Amount)
- Periphery Online and Periphery Standalone
  - Rules and action instructions analogous to exos and MATRIX.

### License

Release Version **7.7** ●  
 License Mode EACM  
 Date of Creation 2020-06-02

#### License Modules

Name	Current Amount	Maximum Amount
EACM KFZ-Kennzeichenerkennung	0	1
EACM_MODULE_ACCESS	21	500
EACM_MODULE_IDCARD	0	1
EACM_MODULE_SMW	23	25
EACM_MODULE_TIME	4	500

### 20.1.4 Customer related comment field was added (PART-1759, HSC-144)

On the customer details page, a fixed, customer-related comment field per customer has been

added. The comment is kept when uploading a newer data file (XML, JSON). Saving is done with the "Apply" button.

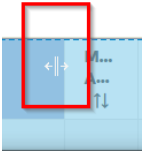
---

This is a demo comment for a customer.

Apply

### 20.1.5 Column widths of Tables and TreeTables are flexible and customizable by the user (PART-1759, HSC-151)

The column width of the tables can be adjusted by the user (for the current view, changes are not saved).



## 20.2 Activation day: 2020-11-15

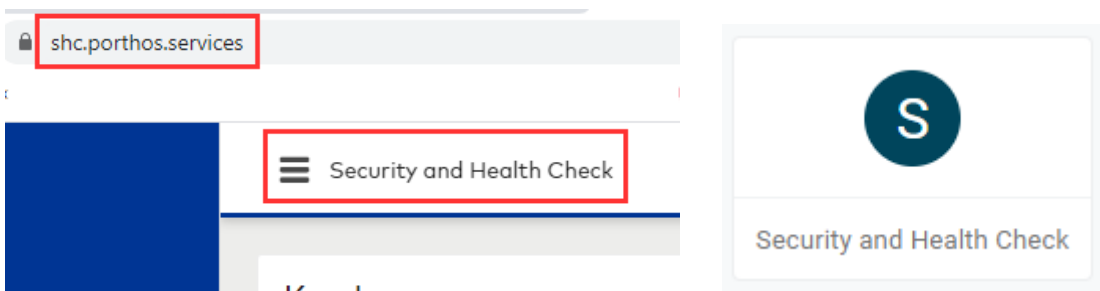
### 20.2.1 GUI Framework: Update to main release PrimeReact 5.0 (PART-1823)

The GUI framework Prime React has been incremented to version 5.0.1 to stay up to date with security patches. The handling of the interface and the business logic remains the same.

## 20.3 Activation day: 2020-10-19

### 20.3.1 Renaming Health and Security Check Service (only User interface) (PART-1764)

The service was renamed. New name is Security and Health Check (SHC). Therefore, the URL, the title in the GUI and the IAM (dormakaba onelogin) have been changed accordingly.



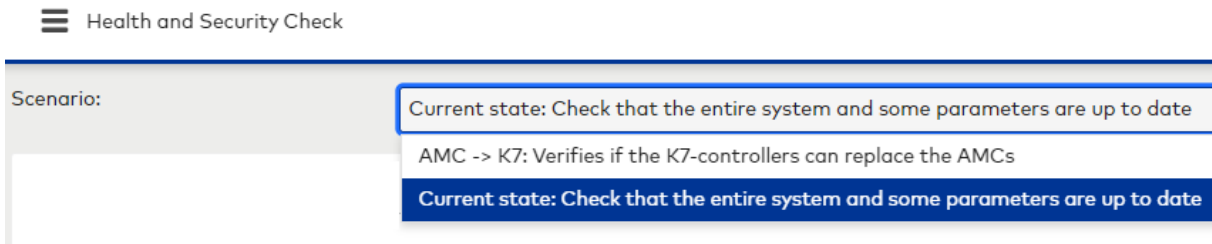
The Security and Health Check is now available at the following URL: <https://shc.porthos.services>. The previously used URL <https://hsc.porthos.services> will still be accessible for a temporary period but will be switched off by the end of November.  
Day of activation: 2020-10-19.

## 21 Functionality provided during PI#8 (Jul – Sep 2020)

### 21.1 Activation day: 2021-10-19

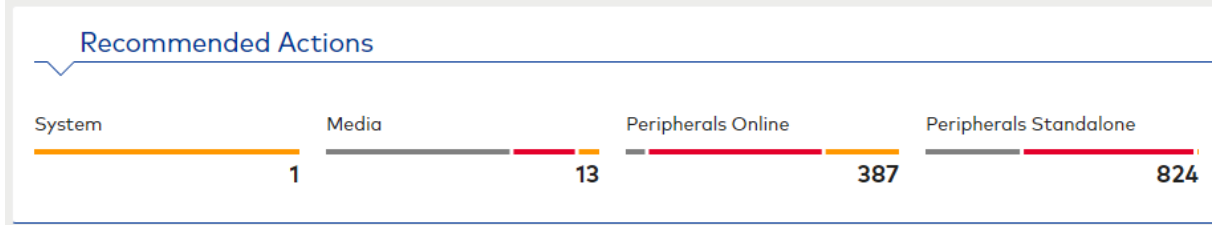
#### 21.1.1 Selection between different scenarios (PART-1545)

The Health and Security Check has been extended for exos by a further scenario. To switch between the scenarios the selection field "Scenario" is now available. The scenario is applied directly when selecting it. "Current state" is the default scenario, that is displayed first when a customer is selected.



#### 21.1.2 Recommended Actions (PART-1100)

All recommended actions resulting from the evaluation are summarized so that they can be displayed in a separate panel. The result is pre-rendered and returned in the language of the user (DE/EN). For each evaluation rule, a multilingual instruction can be stored in the database, which is included in the evaluation result.



The "unknown state" (e.g. missing firmware information) is displayed as a grey bar. The number indicates how many recommendations for action (including missing information) are available without "OK. No action required." (No green bar). If nothing needs to be done, "0" is displayed and a green bar.

### 21.1.3 Panel "Recommended Actions" added for "Current state" scenario for MATRIX and exos (PART-1546)

When an object is not up to date, a handling instruction is displayed in the panel "Recommended Actions". One line is displayed per action to be checked, currently in the form of a short instruction without information about the actual version (visible in the HSC in the respective panels), target version (release notes) and the detailed reason for the action. The results can be filtered and are counted by filtering.

**Recommended Actions**

System

Description	Recommended Action	Status
Hostsystem	The exos version is still under maintenance, but not up to date. Check whether an update to the current version should take place.	Yellow dot

Media

Name	Property	Recommended Action	Status
Kaba Nedap (01010120)	Media sub code	Change application	Yellow dot
Nedap Kaba	Technology	Change media	Red dot
Prime	Technology	Change media	Red dot
Unikatsnummer (UID)	Media sub code	Change application	Red dot

Peripherals Online

Name	Address	Property	Recommended Action	Status
6534.3515.00.001/005	I020140	Firmware	The firmware has been discontinued. Update is strongly recommended.	Red dot
6535.2306.00.000	I020137	Firmware	The firmware has been discontinued. Update is strongly recommended.	Red dot
6535.2721 CRS Roveredo Updateterminal	E011901	Firmware	The firmware is still in maintenance but not up to date. Check update.	Yellow dot

For peripherals the result is paged, if more than 250 actions are displayed. Export to Excel is possible for all tables.

### 21.1.4 Scenarios: Further scenario - Migration AMC to 92xx-K7 (exos) (PART-1723)

The scenario "AMC -> K7" was added for exos systems. The scenario verifies, if the K7-controllers can replace the AMCs. The results are displayed in the different panels (e.g. Peripherals Online).

**Peripherals Online**

Online Peripherals

Address	Name	Type	Firmware	Device IP	Status
▼ F01	[Redacted]	CH		[Redacted]	Yellow dot
▼ E010101	AMC01 HBOst	AMC8	AMC8 2.1.10 A KA-2	[Redacted]	Green dot
E01010104	DML4 A	DML2	DML2 161150A5		Yellow dot
E01010105	DML5 A	DML2	DML2 161150A5		Yellow dot
E01010108	DML8 A/B	DML2	DML2 161150A5		Yellow dot
> E010201	AMC02 HBOst	AMC8	AMC8 2.1.1 A	[Redacted]	Yellow dot

DML4 A

Description	Value	Status
Address	E01010104	
Device Type	DML2	Green dot
Firmware	DML2 161150A5	Yellow dot
LEGIC info		
Name	DML4 A	
Number of ICB	0	
Number of OCB	0	
State	1	
Type Code	SD	

The recommended action is available in a tooltip, when the mouse pointer is over the red – yellow light in the details (not available, when status is summarized).

The export to Excel is configurable. The default setting for the selected information is scenario specific.

### Configuration CSV export

Without Structure  With Structure

**Filter**

Address: Ausgewählt 1607 von 1607

Name: Ausgewählt 1073 von 1073

Type: Ausgewählt 6 von 31

Firmware:

Device IP:  AMC4  AMC4E  AMC8  AMC8E  AO

**Details**

Export rated details

Export other details:  BI

Export all Details in one cell

Export in lines

Export in columns

If action is needed, the action points will be displayed in the panel "Recommended Actions" additionally.

Recommended Actions

System		Recommended Action	
Description			Matches: 1
AccessDomain Count	Please ensure that the AMCs are in one Access Domain, only. The Migration Tool migrates the readers of one Access Domain, only.		

Licence		Recommended Action	
Description			
Access points	Order temporary license for the migration. Only one AMC can be migrated.		

Media		Property	Recommended Action	
Name				

Peripherals Online					Recommended Action	
Name	Address	Type	Property			
						Matches: 1250
		9105N	Firmware		Unknown state	
		9105N	Type		The reader type is not supported.	
		DML2	Firmware		It is recommended to update the firmware. LEGIC OS 3.1.1.0 kann make problems with EV1 media.	
		DML2	Firmware		It is recommended to update the firmware. LEGIC OS 3.1.1.0 kann make problems with EV1 media.	
		DT	Type		The Access Manager 92 xx doesn't support depots. They could not be migrated.	

## 21.1.5 Systems – EACM added (PART-1837)

The health and security check is available for EACM systems. The available panels for EACM are

- SAP
- Licence
- Transport
- Media
- Peripherals Online
- Peripherals Offline

SAP

SAP Modules

Component	Release	ExtRelease	Type	Language	Description
SAP_ABA	740	0009	S	D	Anwendungsübergreifende Komponente
SAP_BASIS	740	0009	S	D	SAP Basiskomponente
SAP_HR	608	0012	R	D	Personalwirtschaft

Licence

Release Version: 7.7  
 Licence Mode: EACM  
 Creation Date: 2020-07-06

Licence Modules

Name	Module Count Licence	Module Current Count	Unlimited	Expiration	Module State
EACM KFZ-Kennzeichenerkennung	1	1		2020-12-31	EACM Lizenz ist gültig.
EACM_MODULE_ACCESS	0	6038		2020-12-31	Die EACM Zutrittslizenz ist überschritten. (Ist 6038, max 150)
EACM_MODULE_IDCARD	1	0		2020-12-31	EACM Lizenz ist gültig.
EACM_MODULE_SMW	3	44		2020-12-31	EACM Securitymanager Workplace Lizenz ist überschritten. (Ist 44, max 3)
EACM_MODULE_TIME	150	1		2020-12-31	EACM Lizenz ist gültig.
EACM_VISIT_DOT_NET	1	0		2020-12-31	EACM Lizenz ist gültig.
SAP_SUCCESSFACTORS	1	0		2020-12-31	EACM Lizenz ist gültig.

Transport

EACM Transport Version: 7.7.0 SPO

Transport Module

Cts Projekt	Zuordnung	Typ	Benutzer	Datum	Sprache	Text
I2O_P00001	I2OK904847	K	DIWAKAR	2020-09-09 11:03:47	E	Kaba EACM 7.8.0 SPO Beta 25 Correction (CL_PERSON_PROVIDER2)
I2O_P00001	I2OK904826	W	S_JOURDAN	2020-09-08 16:56:40	D	Kaba EACM 7.8.0 SPO Beta 25 Client depending Customizing
I2O_P00001	I2OK904821	K	S_JOURDAN	2020-09-08 16:55:47	D	Kaba EACM 7.8.0 SPO Beta 25 Workbench Objects
I2O_P00001	I2OK904836	W	WSTOETZER	2020-09-08 16:54:59	D	Kaba EACM 7.8.0 SPO Beta 26 Client depending Customizing
I2O_P00001	I2OK904831	K	WSTOETZER	2020-09-08 16:54:11	D	Kaba EACM 7.8.0 SPO Beta 26 Workbench Objects
I2O_P00001	I2OK904796	W	S_JOURDAN	2020-09-04 19:53:45	D	Kaba EACM 7.8.0 SPO Beta 24 Client depending Customizing
I2O_P00001	I2OK904814	K	WSTOETZER	2020-09-04 19:47:09	D	Kaba EACM 7.8.0 SPO Beta 24 Workbench Objects
I2O_P00001	I2OK904809	K	DIWAKAR	2020-08-28 15:53:10	E	Kaba EACM 7.8.0 SPO Beta 23 Workbench Objects
I2O_P00001	I2OK904791	K	WSTOETZER	2020-08-19 13:23:59	D	Kaba EACM 7.8.0 SPO Beta 22 Workbench Objects
I2O_P00001	I2OK904781	K	WSTOETZER	2020-08-12 11:15:01	D	Kaba EACM 7.8.0 SPO Beta 21 Workbench Objects

## 22 Functionality provided at 30th of June 2020 (Minimum valuable product MVP)

### 22.1 Activation day: 2020-06-30

#### 22.1.1 Languages

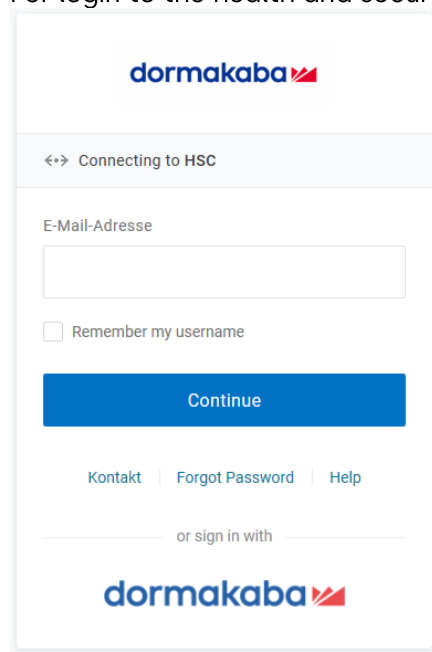
The MVP Version contains the application texts for the language German. English language is available but not officially released. Which language is displayed depends on the Browser settings.

#### 22.1.2 Systems

The health and security check is available for exos and MATRIX systems with the media and peripheral configuration.

#### 22.1.3 Login

For login to the health and security check "dormakaba one login" is used.



Currently the login is only possible for dormakaba employees who are manually activated for the service. An autoregistration is not yet possible.

#### 22.1.4 Scenarios

The first scenario is the Current state of the system, the media definition and the peripherals. The Current state of the systems depend on host system specific parameters like version, Webserver or Licence information. Media Current state depend on the usage of MIFARE classic or DESFire or LEGIC prime or advant. Peripheral Current state depend on the firmware version. In general discontinued versions are marked red, supported but not actual versions marked yellow and actual versions marked green.

Because there is currently only one scenario, there is no selection and the scenario is always applied when the detail page is opened.

### 22.1.5 Customer(s) view

The available customers are listed in a table with red – green – yellow information about the Current state of the system, the media and the peripherals. The provided data are

- Identification
- Customer
- Location
- System
- SYS (Current state)
- MED (Current state)
- PER (Current state)
- Collection timestamp
- Upload timestamp
- User

Customer

Search in whole data set

Identification	Customer	Location	System	SYS	MED	PER	Collection timestamp	Upload timestamp	User
			MATRIX	●	●	●	23.07.2020	23.07.2020, 14:09:46	
			MATRIX	●	●	●	05.08.2020	06.08.2020, 08:46:46	
			MATRIX	●	●		23.07.2020	23.07.2020, 12:58:21	
			MATRIX	●	●	●	04.08.2020	04.08.2020, 15:54:57	
			MATRIX	●	●		22.04.2020	06.08.2020, 11:45:55	
			exos	●	●	●	24.04.2018	23.07.2020, 10:48:26	
			exos	●	●	●	19.02.2020	21.08.2020, 14:57:27	
			exos	●	●		22.11.2017	23.07.2020, 10:32:18	
			exos	●	●	●	08.10.2018	10.08.2020, 13:18:25	
			exos	●	●	●	30.07.2020	18.09.2020, 15:40:41	

### 22.1.6 File upload

Data from exos and MATRIX systems can be uploaded. The data collector in exos is integrated in the software, in MATRIX a separate tool for collecting data is available (see release notes MATRIX). The upload file is validated against the defined schema.



## 22.1.7 Customer details - exos

Available panels for exos systems are

- Header with information about the customer and the used host system version

**Name of the customer**

---

System: exos  
 Data from: 24.04.2018, 14:44:54  
 Version: 314.1354 ●

- Licence

**Licence**

**System licenses**

It	Number of records It	Max It
Access points	188	188
Admin dialogs	7	7
Depot controls	0	0
Mechanical components	0	50
Person with ESS functions	0	0
Supervisor web clients	0	0
T&A person	0	0

**Licensed exos options**

Description It
Badge management
KabaCard

**Client spec. licenses**

DEFAULT\_CLIENT

**DEFAULT\_CLIENT**

It	Number of records It	Max It
Access points	127	188
Admin dialogs		7
Depot controls	0	0
Mechanical components		
Person with ESS functions	0	0
Supervisor web clients	0	0
T&A person	0	0

- Media

**Media**

**Badge types**

- Badges TCS
- Legic Prime
  - Kaba Group Header (KGH) [REDACTED]

**Kaba Group Header (KGH) [REDACTED]**

Description It	Value It
Application ID	
Badge data type	Structured
Code format	Bcd
Company code	[REDACTED]
CRC type	1
Data length	7
Data start position (Byte)	6
File ID	0
File size	0
Length of badge number	8
Length of badge version	0

**Media group tree**

- Kaba Group Header (KGH) (02020176)
  - Kaba Group Header (KGH) [REDACTED]

**Kaba Group Header (KGH) (02020176)**

Description It	Value It
Media format	Legic
Media type no.	1
MediaAppType	Identification
Name	Kaba Group Header (KGH) (02020176)
Search order	0

- Peripherals Online

Peripherals Online

Online Peripheral + - [x]

Address II	Name II	Typ II	Firmware II		Device IP II
▼ F01		CH		⊗	
▼ E010101		BW9300LEA	738-04-X-K03	●	
5					
E01010100		BW9300LEA			
> E010201		BDN9290	668-00-X-K08	●	
> E010301		BDN9290	668-00-X-K08	●	
> E010401		BDN9290	666-04-X-K10	●	
> E010601		BDN9290	666-04-X-K10	●	
> E010701		BDN9290	666-04-X-K10	●	
> E010901		BDN9290	666-04-X-K10	●	

- Peripherals Standalone

Peripherals Standalone

Standalone Components + - [x]

Name II	Type Id II	Type Name II	Firmware II	Door No II
▼				
	1320	Digital Cylinder Legic Advant E300 V4		512
	1320	Digital Cylinder Legic Advant E300 V4		513
	1320	Digital Cylinder Legic Advant E300 V4		514
	1320	Digital Cylinder Legic Advant E300 V4		515

## 22.1.8 Customer details - MATRIX

Available panels for MATRIX systems are

- Header with information about the customer and the used host system version

Name of the Customer	
System:	MATRIX
Data from:	23.07.2020, 11:17:18
Version:	3.3.4.68665 <span style="color: orange;">●</span>

- System

System			
System information			
Description	Value		
Database type	sqlserver		
Database version	Microsoft SQL Server 2014 - 12.0.6118.4		
Installation data	21.08.2019, 08:41:00		
Java version	11.0.2	<span style="color: orange;">●</span>	
Operation system architecture	amd64		
Operation system version	Windows Server 2012 R2		
Product key	A31098A094MX157C		
Webserver	Apache Tomcat/9.0.19	<span style="color: red;">●</span>	

Memory			
Description	Free	Max	
Disk memory	16 gb	199 gb	<span style="color: orange;">●</span>
Java memory	281 mb	3072 mb	
Physical memory		3072 mb	

- Licence

Licence			
System licenses			
	Number of records	Max	
Badges	601		
Connect KK1	591	500000	<span style="color: green;">●</span>
Connect SAP	591	500000	<span style="color: green;">●</span>
External company employees	0	20000	<span style="color: green;">●</span>
OSS SO third-party components	0	20000	<span style="color: green;">●</span>
Persons Access	602	500000	<span style="color: green;">●</span>
Siteserver	0	20000	<span style="color: green;">●</span>
Visits	0	20000	<span style="color: green;">●</span>

Licensed MATRIX options	
Description	
Access control web workflow	
Alarm management	
AoC Access on Card	
Basic time recording	
Blocked list entries	
Client management	
Cost centre registration	
dormakaba Door Manager	
Export time data	
General interface (import/export GUI)	
ID card creation system IDCard4 comfort interface	

- Media

Media																											
Badge types <span>+</span> <span>ⓘ</span>																											
<ul style="list-style-type: none"> <li>▼ MIFARE Classic ID           <ul style="list-style-type: none"> <li>▼ MifareReaderClass               <ul style="list-style-type: none"> <li>▼ BadgeIdntStringAssembler2                   <ul style="list-style-type: none"> <li>ComparisonValue</li> <li>ComparisonValue</li> <li>ComparisonValue</li> </ul> </li> <li>▼ UseMifareID                   <ul style="list-style-type: none"> <li>Keys</li> <li>AoCInitialization</li> </ul> </li> <li>▼ BadgeIdntStringAssembler                   <ul style="list-style-type: none"> <li>Number</li> </ul> </li> </ul> </li> </ul> </li> </ul>	MIFARE Classic ID <table border="1"> <thead> <tr> <th>Description</th> <th>Value</th> <th></th> <th></th> </tr> </thead> <tbody> <tr> <td>Active</td> <td><input checked="" type="checkbox"/></td> <td></td> <td></td> </tr> <tr> <td>ID card ID only</td> <td><input checked="" type="checkbox"/></td> <td></td> <td><span style="color: red;">●</span></td> </tr> <tr> <td>ID card type</td> <td>MifareReaderClass</td> <td></td> <td><span style="color: red;">●</span></td> </tr> <tr> <td>Name</td> <td>MIFARE Classic ID</td> <td></td> <td></td> </tr> <tr> <td>Number</td> <td>3</td> <td></td> <td></td> </tr> </tbody> </table>			Description	Value			Active	<input checked="" type="checkbox"/>			ID card ID only	<input checked="" type="checkbox"/>		<span style="color: red;">●</span>	ID card type	MifareReaderClass		<span style="color: red;">●</span>	Name	MIFARE Classic ID			Number	3		
Description	Value																										
Active	<input checked="" type="checkbox"/>																										
ID card ID only	<input checked="" type="checkbox"/>		<span style="color: red;">●</span>																								
ID card type	MifareReaderClass		<span style="color: red;">●</span>																								
Name	MIFARE Classic ID																										
Number	3																										

- Peripherals Online

### Peripherals Online

Online Peripherals + - ▾

Name II	Number II	Type II	Firmware II		Readerclass II
	10000	Infrastructure node			
	40000	Infrastructure node			
	50000	Infrastructure node			
	20000	Infrastructure node			
	60000	Infrastructure node			
	30000	Infrastructure node			
	2	XS Manager	3.11.2 05.12.2018		
Desktopreader manager doka	9	AccessOnCard station	3.3.3_764		3 MIFARE Classic ID
Desktopreader Nastasia	24	AccessOnCard station	3.3.3_764		3 MIFARE Classic ID
AccessOnCard-station Mike	25	AccessOnCard station	3.4.2_801		3 MIFARE Classic ID
XS manager Alex	5	XS Manager	3.11.3 17.05.2019		
Evolo Programmer 1460 - Mike	26	evolo Programmer 1460	BPD_01.30POL		

- Peripherals Standalone

### Peripherie Standalone

Standalone Peripherie + - ▾

Name II	Nummer II	Typ II	Firmware II		Ausweistyp II
	75	Infrastrukturknoten			
	82	XS-Leser Offline			8 AoC Cardia
	91	XS-Leser Offline			8 AoC Cardia
	101	XS-Leser Offline	3.06pr.08, 27.06.17 / Desfire		8 AoC Cardia
	103	XS-Leser Offline	3.06pr.08, 27.06.17 / Desfire		8 AoC Cardia

## 22.1.9 General GUI functionality

Customer search

Customer

Search in whole data set

Filter for tables

Identification <input type="checkbox"/>	Customer <input type="checkbox"/>	Location <input type="checkbox"/>	System <input type="checkbox"/>	SYS	MED	PER	Collection timestamp <input type="checkbox"/>	Upload timestamp <input type="checkbox"/>	User <input type="checkbox"/>	<input type="checkbox"/>
<input type="text" value="filter"/>	<input type="text" value="filter"/>	<input type="text" value="filter"/>	<input type="text" value="filter"/>				<input type="text" value="filter"/>	<input type="text" value="filter"/>	<input type="text" value="filter"/>	<input type="text" value="filter"/>

Customer details – Expand Panels

System

Licence

Persons Access

5000

System

System information

Description

Database type

Open in new tab

System

Expand all – Collapse all – Export list

ge types + -

The function to expand the whole tree is limited to a maximum number of entries. The function is not available for large amounts of data.

## 23 Known problems

### 23.1 Note for users

Please note that some new features are only available when the customer data is re-uploaded.

**In addition, it is often necessary to clear the browser cache (e.g. Strg-F5).**

## 24 History

Version	Description	Version from
1.33	Release PI#28/29 Features (Bundle 2026-01-20)	2026-01-20
1.32	Release PI#28/29 Features (Bundle 2025-11-18)	2025-11-18
1.31	Release PI#28 Features (Bundle 2025-07-16)	2025-07-16
1.30	Release PI#26/PI#27 Features (Bundle 2025-05-21)	2025-05-21
1.29	Release PI#26/PI#27 Features (Bundle 2025-04-28)	2025-04-28
1.28	Release PI#25 Features (Bundle 2025-02-03)	2025-02-03
1.27	Release PI#25 Features (Bundle 2024-12-09)	2024-12-09
1.26	Release PI#24 Features (Bundle 2024-10-01)	2024-10-01
1.25	Release PI#24 Features (Bundle 2024-09-02)	2024-09-02
1.24	Release PI#23 Features (Bundle 2024-07-16)	2024-07-16
1.22	Release PI#23 Features (Bundle 2024-06-17)	2024-06-17
1.22	Release PI#22 Features (Bundle 2024-04-02)	2024-04-02
1.21	Release PI#21 Features (Bundle 2023-12-13)	2023-12-13
1.20	Release PI#21 Features (Bundle 2023-11-06)	2023-11-06
1.19	Release PI#20 Features (Bundle 2023-09-27)	2023-10-04
1.18	Release PI#20 Features (Bundle 2023-08-15)	2023-08-15
1.17	Release PI#19 Features (Bundle 2023-07-10)	2023-07-10
1.16	Release PI#19 Features (Bundle 2023-05-30)	2023-05-30
1.15	Release PI#18 Features (Bundle 2023-05-04)	2023-05-04
1.14	Release PI#18 Features (Bundle 2023-03-08)	2023-03-08
1.13	Release PI#17 Features (Bundle 2022-12-14)	2022-12-14
1.12	Release PI#17 Features (Bundle 2022-11-15)	2022-11-15
1.11	Release PI#16 Features (Bundle 2022-08-30)	2022-08-30
1.10	Release PI#15 Features (Bundle 2022-08-10)	2022-08-10
1.9	Release PI#14 Features (Bundle 2022-05-03)	2022-05-03
1.8	Release PI#14 Features (Bundle 2022-03-02)	2022-03-02
1.7	Release PI#13 Features (Bundle 2021-11-23)	2021-11-23
1.6	Release PI#12 Features (Bundle 2021-10-13)	2021-10-11
1.5	Release PI#11 Features (Bundle 2021-06-28)	2021-06-28
1.4	Release PI#10 Features (Bundle 2021-03-29)	2021-03-29
1.3	Release PI#10 Features (Bundle 2021-02-15)	2021-02-15
1.2	Release PI#9 Features	2021-01-20
1.1	Release PI#8 Features	2020-09-30

1.0	Release MVP	2020-06-30
0.1	Creation of the document	

## 25 Feedback

We would be very pleased to receive feedback from you in order to improve our product.

dormakaba Deutschland GmbH

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