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BVMS on DIVAR IP licensing

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1 Introduction

DIVAR IP units can be upgraded to BVMS 11.0. Starting with BVMS 11.0, the BVMS licensing scheme also applies to the DIVAR IP units. This document describes which units you can upgrade to BVMS 11.0 and which licenses you have to order for a DIVAR IP unit!

2 Document history

Date	Version	Changes
2021-05-20	Version 1.0	Initial White Paper: BVMS on DIVAR IP licensing

3 DIVAR IP units to be upgraded to BVMS 11.0

	DIVAR IP AIO 7000 (DIP-73)	DIVAR IP AIO 7000 (DIP-72)	DIVAR IP 7000 (DIP-71)	DIVAR IP AIO 5000 (DIP-52)
DIVAR IP hardware available when?	From Q2/2021 onwards	~Until Q3/2021	~Until Q4/2020	~Until Q1/2022
Operating system	Windows Server IoT 2019 for Storage	Windows Storage Server 2016	Windows Storage Server 2012 R2	Windows Storage Server 2016
Max. channels; bandwidth, storage	256 ch / 550 Mbits / 16*12TB	256 ch / 550 Mbits / 16*12TB	128 ch / 550 Mbits / 16*8TB	42 ch / 170 Mbits / 4*12TB

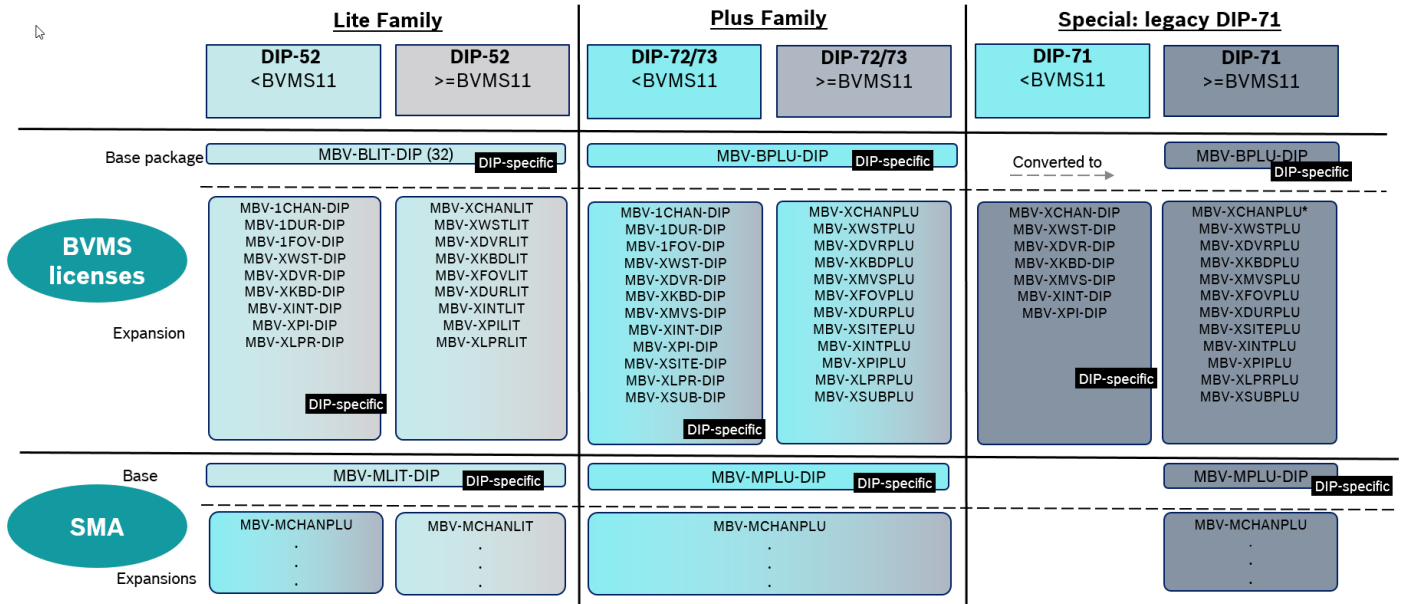
Note:

DIVAR IP 3000 units and DIVAR IP 7000 units (DIP-70) can not be upgraded to BVMS 11.0 due to Windows operating system limitations.

4 DIVAR IP licenses before and after the upgrade to BVMS 11.0

Overview

Starting with BVMS 11.0, the licensing scheme of the DIVAR unit will be merged with the BVMS licensing.



DIVAR IP 5000

The licenses of the DIVAR IP 5000 unit belong to the BVMS Lite editions. Starting with BVMS 11.0, the only difference between the licenses for DIP-52 unit and the BVMS software only edition is the base package.

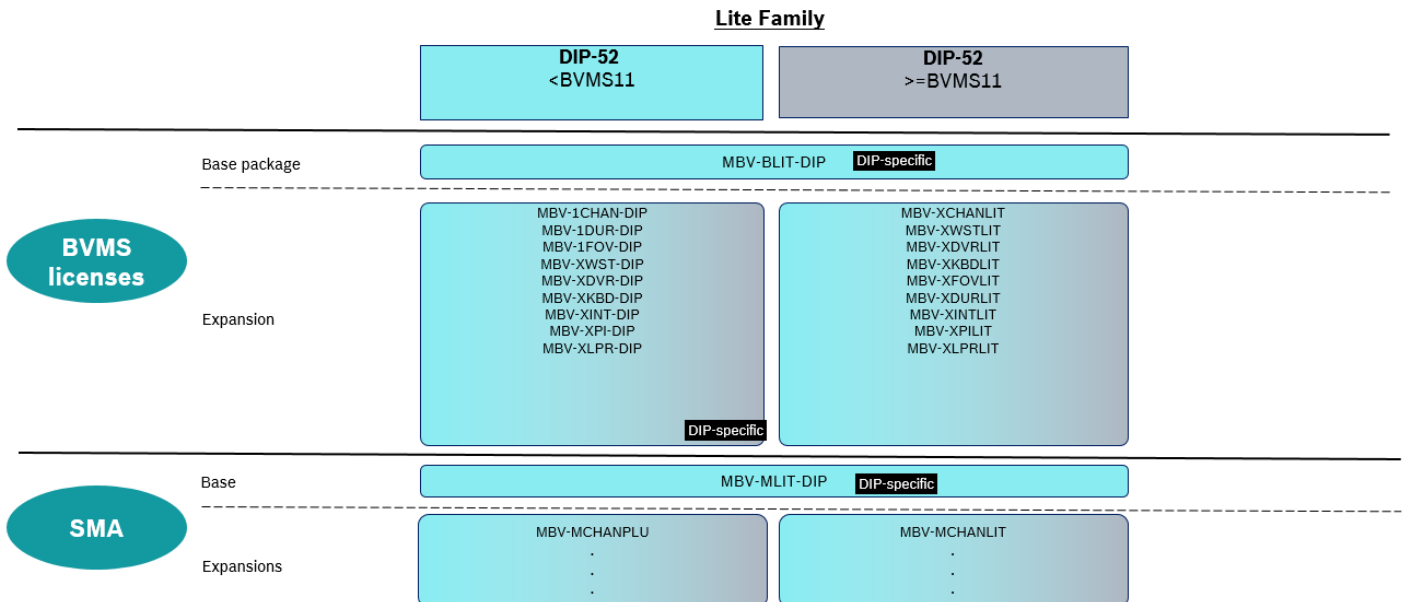
The DIVAR IP 52 unit comes with a free of charge base package that is enabled when booting the system. If you want to expand the system to more than 8 channels, you have to install the DIP specific base package MBV-BLIT-DIP.

DIVAR IP AIO 5000 (DIP-52)	
Running the unit with the default free of charge package (not registered in Remote Portal)	
Free of charge base package	8 channel package
Expansion to more than the free of charge package	
Base package	MBV-BLIT-DIP (32 channels)
Expansion package	BVMS LIT expansion packages

The MBV-BLIT-DIP base package contains the following features:

MBV-BLIT-DIP	included	maximal	Expansion CTN
Channels	32	42	MBV-XCHANLIT
Workstations	2	5	MBV-XWSTLIT
DVR's	1	10	MBV-XDURLIT
Keyboards	2	5	MBV-XKBDLIT
Mobile video services	1	1	n.a.
Intrusion Panels	1	5	MBV-XINTLIT
Failover VRM channels	8	42	MBV-XFOVLIT
Dual recording channels	8	42	MBV-XDURLIT
Person Identification	0	42	MBV-XPILIT
LPR channels	0	5	MBV-XLPRLIT
Online map functionality	0	1	MBV-FMAPLIT
Map-based tracking assistant	0	1	MBV-FOBJLIT

DIVAR IP 52 licenses before and after BVMS 11.0:



DIVAR IP 7000

The licenses of the DIVAR IP 7000 unit belong to the BVMS Plus edition. Starting with BVMS 11.0 the only difference between the licenses of a DIP-7x unit and the BVMS software only edition is the base package.

The DIVAR IP 71, 72 and 73 unit comes with a free of charge base package, which is enabled when booting the system. If you want to expand the system to more than 8 channels, you have to install the DIP specific base package MBV-BPLU-DIP.

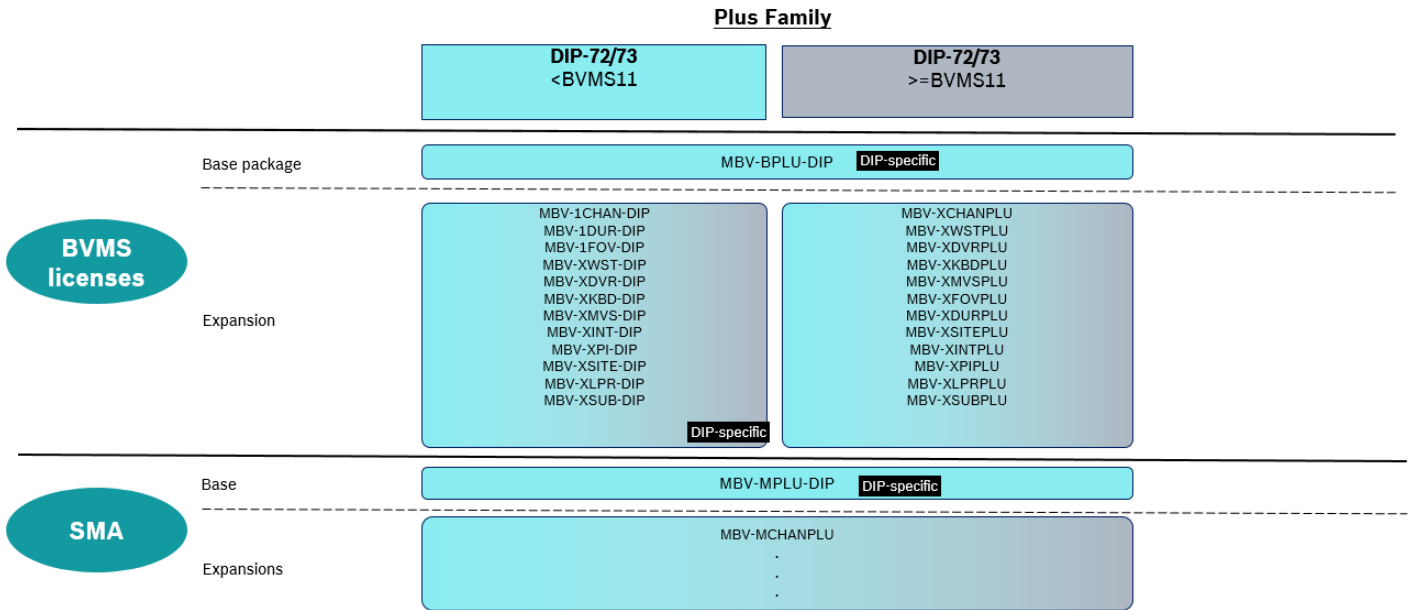
	DIVAR IP AIO 7000 (DIP-73)	DIVAR IP AIO 7000 (DIP-72)	DIVAR IP 7000 (DIP-71)
Running the unit with the default free of charge package (not registered in Remote Portal)			
Free of charge base package	8 channel package	8 channel package	32 channel package
Expansion to more than the free of charge package			
Base package	MBV-BPLU-DIP	MBV-BPLU-DIP	MBV-BPLU-DIP
Expansion package	BVMS PLUS expansion packages	BVMS PLUS expansion packages	BVMS PLUS expansion packages

The MBV-BPLU-DIP base package contains the following features:

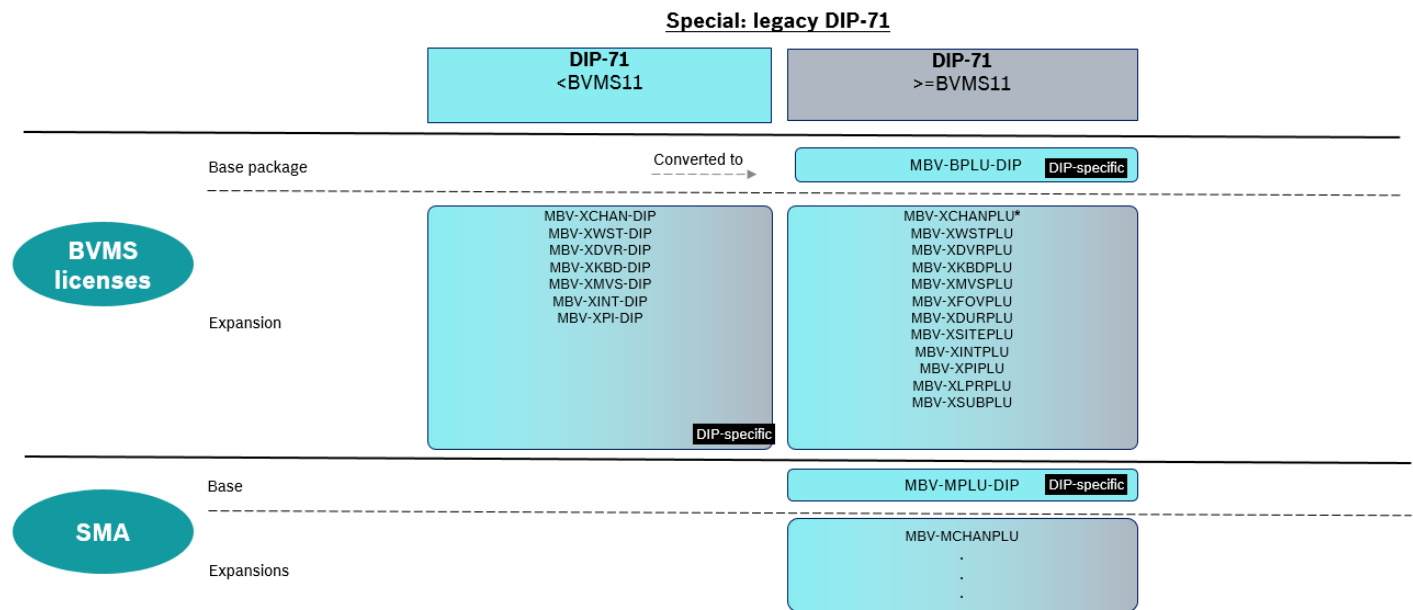
MBV-BLIT-DIP	included	maximal	Expansion CTN
Channels	32	256	MBV-XCHANPLU
Workstations	5	10	MBV-XWSTPLU
DVR's	1	10	MBV-XDVRPLU
Keyboards	5	10	MBV-XKBDPLU
Mobile video services	1	4	MBV-XMVSPLU
Subsystems	0	20	MBV-XSUBPLU
Intrusion Panels	1	10	MBV-XINTPLU
Failover VRM channels	8	256	MBV-XFOVPLU
Dual recording channels	8	256	MBV-XDURPLU
Unmanaged Site	1	20	MBV-XSITEPLU
Person Identification	0	256	MBV-XPIPLU
LPR channels	0	10	MBV-XLPRPLU
Online map functionality	0	1	MBV-FMAPPLU

MBV-BLIT-DIP	included	maximal	Expansion CTN
Map-based tracking assistant	0	1	MBV-FOBJPLU

DIVAR IP 72 and 73 licenses before and after BVMS 11.0:



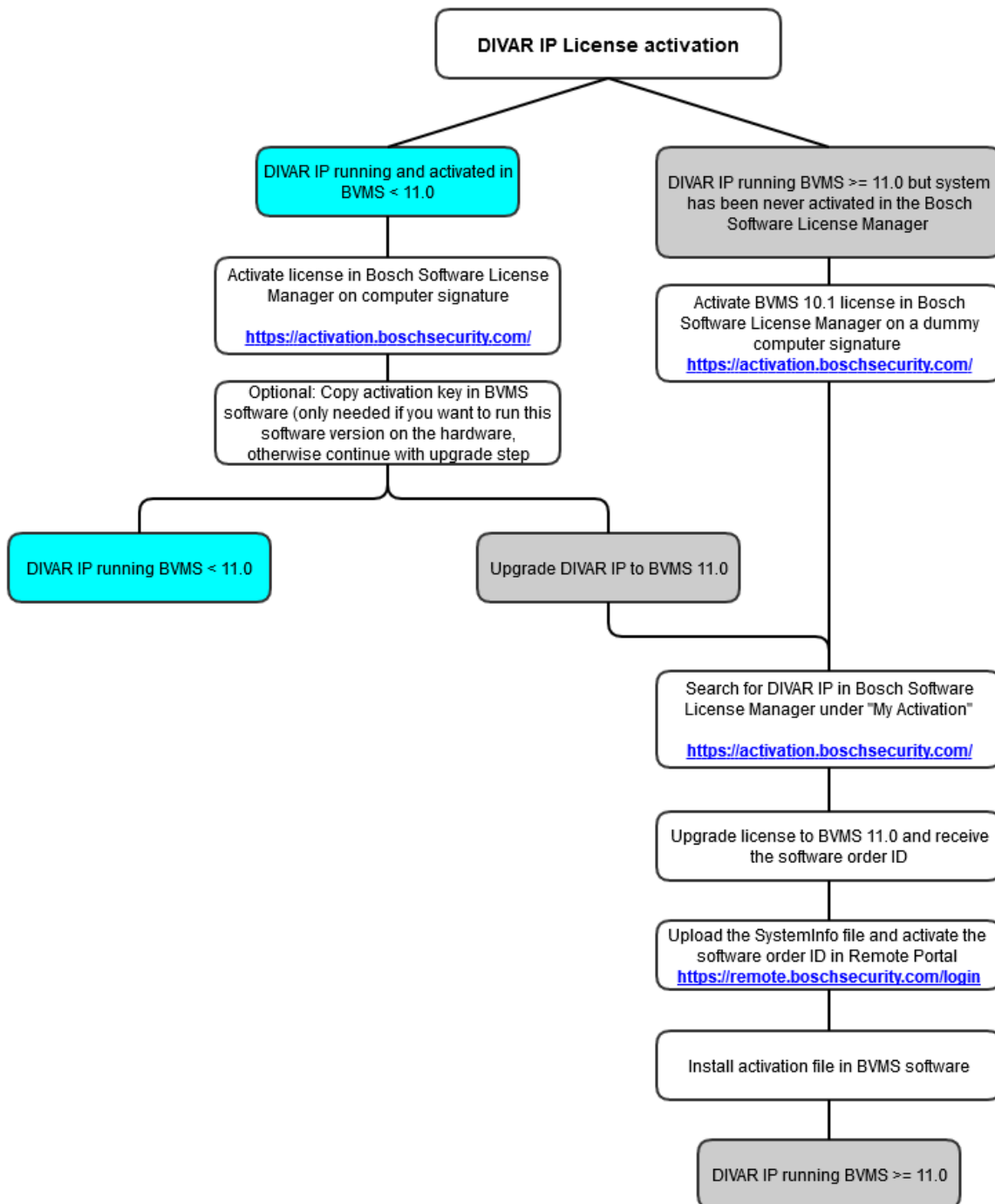
DIVAR IP 71 licenses before and after BVMS 11.0:



5 DIVAR IP license upgrade to BVMS 11.0

Starting with BVMS 11.0, all DIVAR IP units upgrading to a new BVMS version require a valid software assurance. The upgrade to BVMS 11.0 is allowed for all units. All activated DIVAR IP licenses get a software assurance end date assigned according to unit type and the date of activation. All DIVAR IP 71 units get the software assurance end date 10.10.2023 (end of service date of the operating system running on the DIVAR IP). All DIVAR IP 52 and 72 units activated before the 1st of April 2021, get the software assurance end date = date of activation plus three years. All DIVAR IP 52, 72 and 73 units activated after the 1st of April 2021 get the software assurance end date according to the date of activation and the ordered SMA period. All units running a BVMS version lower than BVMS 11.0 are allowed to upgrade to BVMS 11.0.

Upgrade scenarios:



All DIVAR IP units shipped by Bosch will still be shipped with BVMS 10.0 or a BVMS 9.0 version. All ordered base packages and expansion licenses for DIVAR IP units will be created by Bosch order desk for BVMS versions prior to BVMS 11.0. If you want to run a BVMS version lower than BVMS 11.0 on the DIVAR IP unit, activate the license in the Bosch Software License Manager System and copy the activation key to the BVMS software. If you want to upgrade the unit to BVMS 11.0 later, search for the activation under **My Activation** in the Bosch Software License Manager System and start the upgrade process.

If you want to upgrade the unit to the latest BVMS 11.0 version, first activate the license on the BVMS version prior to BVMS 11.0. Then upgrade the license with the above described upgrade process to BVMS 11.0.

If you have already upgraded the unit to BVMS 11.0, the system does not offer you a computer signature to start the activation process in the Bosch Software License Manager System. You then have to activate the system on a dummy hardware ID and upgrade the license to BVMS 11.0.

Upgrade to BVMS 11.0

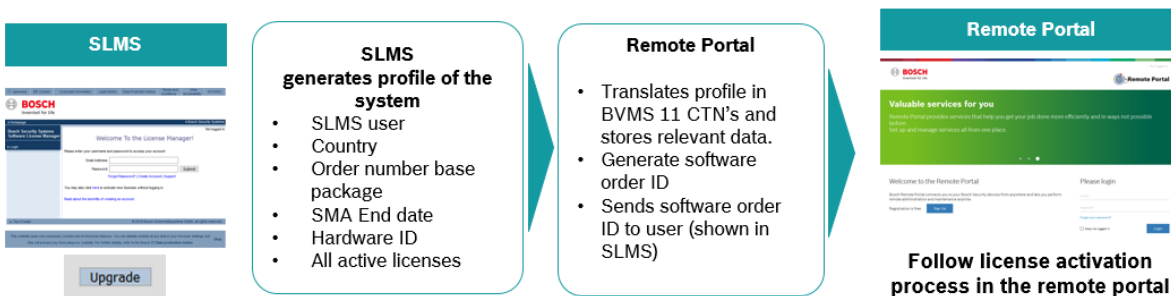
To start the upgrade process to BVMS 11.0, login to the Bosch Software License Manager System (SLMS) and search for the system under **My Activation**:

The screenshot shows the 'My Activations' page in the SLMS. A dropdown menu is set to 'BVMS'. The table below lists several activations:

System Identifier	Installation Site	Comment	Current Version	Next Version	Upgrade
0503 2021 1111 1111 1111 1111 1111 1436	DIP Plus test		101	110	Upgrade
Authorization Number 5225 4287 9937 4726				MBV-BPLU-DIP(1) MBV-1CHAN-DIP(10) MBV-XWST-DIP(2)	
Activation Key 29D3 0067 906F 20AD 787F 5197 A20F AF4F 92BE 81A1					
1111 2019 1111 1111 1111 1342 2021 1202	test migration 1	test migration 1	101		To upgrade to the next version please extend the current maintenance agreement
2011 2018 1111 1111 1111 1111 1111 1933	test hma5ot		-1		License is not eligible to upgrade
3004 2021 1111 1111 1111 1034	Test Activation 2		110		License does not have a higher version Upgrade

If a system is entitled to upgrade to the next BVMS version, the **Upgrade** button is available. In this example the red marked system has a valid maintenance agreement to upgrade to BVMS 11.0. The other systems can not be upgraded to BVMS 11.0.

When you click the **Upgrade** button, the migration process of the license from SLMS to Remote Portal starts.



Login to SLMS and press the upgrade button

Note: the software order ID will be presented in SLMS, once the upgrade process is completed, this takes 10 to 30 seconds!

Start the upgrade process:

In order to start the upgrade process, click the **Upgrade** button of the system:

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Homepage Bosch Security Systems

Bosch Security Systems Software License Manager

Customer Operations
 ▶ My Activations
 ▶ Create Demo Licenses
 ▶ Find Activations
 ▶ My Account
 ▶ License Activation
 ▶ Change Password
 ▶ Download Bundle File

Reporting
 ▶ License Status
 ▶ Maintenance Extension Report

Select a Product Family: BVMS

Your Product Activations are listed below. [Export to Excel](#)

System Identifier	Installation Site	Comment	Current Version	Next Version	Upgrade
0503 2021 1111 1111 1111 1111 1111 1436	DIP Plus test		101	110	Upgrade
Authorization Number 5225 4287 9937 4726			MBV-BPLU-DIP(1) MBV-1CHAN-DIP(10) MBV-XWST-DIP(2)		
Activation Key 29D3 0067 906F 20AD 787F 5197 A20F AF4F 92BE 81A1					
1111 2019 1111 1111 1111 1342 2021 1202	test migration 1	test migration 1	101		To upgrade to the next version please extend the current maintenance agreement
2011 2018 1111 1111 1111 1111 1111 1933	test hma5ot		-1		License is not eligible to upgrade
3004 2021 1111 1111 1111 1111 1111 1034	Test Activation 2		110		License does not have a higher version Upgrade

Click [here](#) to activate new licenses.

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The SLMS system starts the upgrade process. During collecting data and creating the software order ID, the system displays **Upgrading....**

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Homepage Bosch Security Systems

Bosch Security Systems Software License Manager

Customer Operations
 ▶ My Activations
 ▶ Create Demo Licenses
 ▶ Find Activations
 ▶ My Account
 ▶ License Activation
 ▶ Change Password
 ▶ Download Bundle File

Reporting
 ▶ License Status
 ▶ Maintenance Extension Report

Select a Product Family: BVMS

Your Product Activations are listed below. [Export to Excel](#)

System Identifier	Installation Site	Comment	Current Version	Next Version	Upgrade
0503 2021 1111 1111 1111 1111 1111 1436	DIP Plus test		101	110	Upgrading...
Authorization Number 5225 4287 9937 4726			MBV-BPLU-DIP(1) MBV-1CHAN-DIP(10) MBV-XWST-DIP(2)		
Activation Key 29D3 0067 906F 20AD 787F 5197 A20F AF4F 92BE 81A1					
1111 2019 1111 1111 1111 1342 2021 1202	test migration 1	test migration 1	101		To upgrade to the next version please extend the current maintenance agreement
2011 2018 1111 1111 1111 1111 1111 1933	test hma5ot		-1		License is not eligible to upgrade
3004 2021 1111 1111 1111 1111 1111 1034	Test Activation 2		110		License does not have a higher version Upgrade

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Once the upgrade is finished, the system displays the following information:

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Welcome manuelhepting@gmx.de

My Activations

Activation for HWD 0503 2021 1111 1111 1111 1111 1436 successfully upgraded.

Select a Product Family: BVMS

Your Product Activations are listed below. [Export to Excel](#)

System Identifier	Installation Site	Comment	Current Version	Next Version	Upgrade
0503 2021 1111 1111 1111 1111 1111 1436	DIP Plus test		110	License does not have a higher version	Upgrade
Your license is successfully upgraded to BVMS11.0. Please go to Bosch Remote Portal to activate your license. https://remote.boschsecurity.com/ Send Email Your software id: 933344de-f59c-47a5-9bc3-a0beede63ad8					
1111 2019 1111 1111 1111 1342 2021 1202	test migration 1	test migration 1	101	To upgrade to the next version please extend the current maintenance agreement	
2011 2018 1111 1111 1111 1111 1111 1933	test hmaSot		-1	License is not eligible to upgrade	
3004 2021 1111 1111 1111 1111 1111 1034	Test Activation 2		110	License does not have a higher version	Upgrade

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When you click the + next to the hardware ID, you see the software order ID:

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Welcome manuelhepting@gmx.de

My Activations

Activation for HWD 0503 2021 1111 1111 1111 1111 1436 successfully upgraded.

Select a Product Family: BVMS

Your Product Activations are listed below. [Export to Excel](#)

System Identifier	Installation Site	Comment	Current Version	Next Version	Upgrade
0503 2021 1111 1111 1111 1111 1111 1436	DIP Plus test		110	License does not have a higher version	Upgrade
Your license is successfully upgraded to BVMS11.0. Please go to Bosch Remote Portal to activate your license. https://remote.boschsecurity.com/ Send Email Your software id: 933344de-f59c-47a5-9bc3-a0beede63ad8					
1111 2019 1111 1111 1111 1342 2021 1202	test migration 1	test migration 1	101	To upgrade to the next version please extend the current maintenance agreement	
2011 2018 1111 1111 1111 1111 1111 1933	test hmaSot		-1	License is not eligible to upgrade	
3004 2021 1111 1111 1111 1111 1111 1034	Test Activation 2		110	License does not have a higher version	Upgrade

Click [here](#) to activate new licenses.

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In order to activate the BVMS 11.0 license, copy the software order ID and start the activation process in Bosch Remote Portal.

6 BVMS initial license activation

Introduction

This section describes the initial license activation process of BVMS licenses.

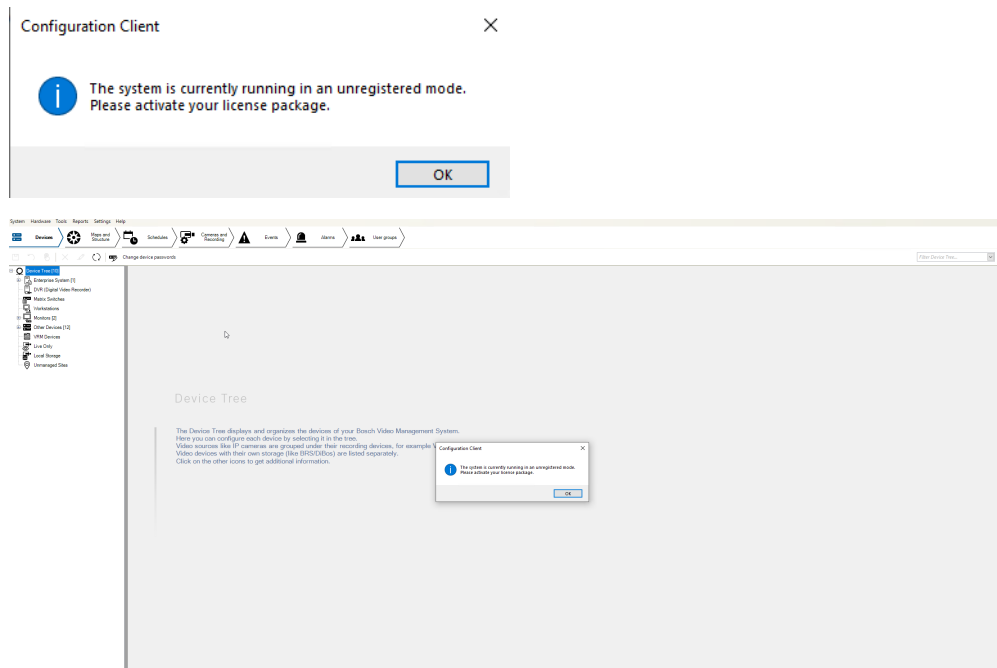
Follow these steps:

- Collect system info file from the BVMS system
- Claim ownership of the software order ID in the Remote Portal
- Activate the software order ID with the system info file in Remote Portal and download the activation file
- Add the activation file to the BVMS system to enable the software

How to get started

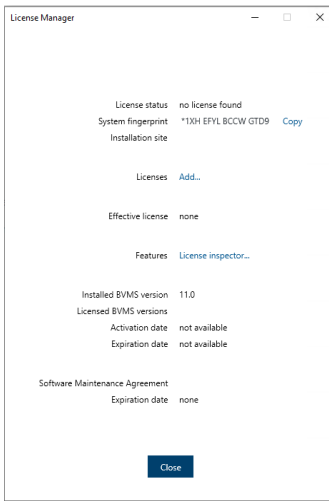
Open your BVMS Configuration Client application and sign in with the BVMS administrator user account.

After you successfully logged in, you see the following BVMS message. It tells you that the system is currently running in an unregistered mode and that you have to activate your license package.



Directly click on **OK**. Since you want to initially activate a license, the license status is “not activated”.

Activate a license



To obtain an active license you need to execute the following steps:

Step 1: Click Add... to enter the Add license dialog

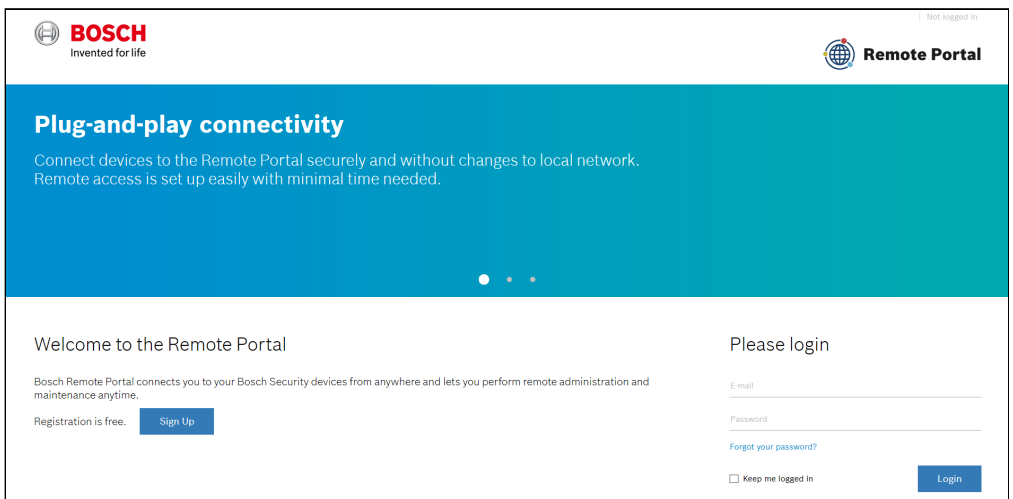
Step 2: Save your system info to a file

Click the **Save** button and a file with the system info is created. Save the system info file on your computer.

Note: If you do not have internet access on the computer where your BVMS application is installed, transfer the system info file to a computer with internet connection.

Step 3: Go to remote.boschsecurity.com to generate your activation file

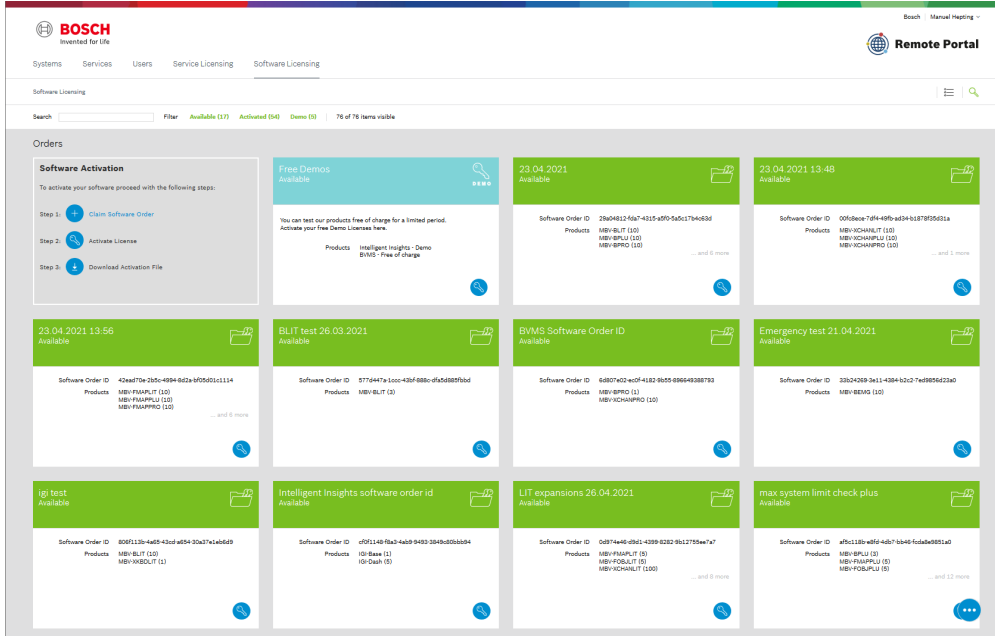
Click the link and the Bosch Remote Portal website displays. You can either sign up or login in case you already have a user account.



In case of an initial user account creation, please click **Sign Up**, fill in the required information and select the terms of agreement check boxes. After your account is successfully created, you can login to the Bosch Remote Portal.

Step 4: Follow the instructions on remote.boschsecurity.com/softwarelicensing to generate your activation file by uploading your system info.

Click the link in **Step 3** or directly go to the **Software Licensing** tab in the Remote Portal toolbar. The following screen displays:



Step 5: Claim the ownership of the software order ID in Remote Portal

The software order ID can be obtained by placing a software order or by a upgrading a license from the Bosch Software License Manager System.

In order to claim the ownership of the software order ID, click **Claim Software Order** in the bottom right corner of the display. The **Claim Software Order** window displays. Click **Claim**.

✕

Claim Software Order

① To claim a Software Order, copy and paste the Software Order ID of the e-mail you received into the textbox.

Name

Software Order ID

Step 6: Activate a license

In order to activate a license, click **Activate License** in the bottom right corner of the display. The **Activate License** window opens. Upload the system info file that you saved earlier and fill in the required information.

23.04.2021 Available

Software Order ID: 23404812-fda7-4315-a3f0-5a5c17b4-63d
Added On: 23. Apr 2021 13:54
Added By: Manuel Hepping

Products

MBV-ELIT Available CTN: MBV-ELIT Quantity: 6 of 10	MBV-BPLU Available CTN: MBV-BPLU Quantity: 9 of 10	MBV-BPRO Available CTN: MBV-BPRO Quantity: 9 of 10	MBV-FMAPLIT Available CTN: MBV-FMAPLIT Quantity: 10 of 10
MBV-FMAPPLU Available CTN: MBV-FMAPPLU Quantity: 10 of 10	MBV-FMAPPRO Available CTN: MBV-FMAPPRO Quantity: 10 of 10	MBV-XCHANLIT Available CTN: MBV-XCHANLIT Quantity: 10 of 10	MBV-XCHANPLU Available CTN: MBV-XCHANPLU Quantity: 10 of 10
MBV-XCHANPRO Available CTN: MBV-XCHANPRO Quantity: 10 of 10			



Activate License

To activate / get licence for any one or more of the available products for this software order, you need to put in the System Fingerprint where you want to activate.

System Info File

Installation Site

Comment (optional)

Select the base package to activate it:



Activate License

System Fingerprint 90013
Application BVMS | v.11.0.0.1

Select Base Product

- MBV-BLIT
- MBV-BPLU
- MBV-BPRO

There is no Base Product installed for this product family for this System Fingerprint. Please select a Base Product first and then click "Next" to select expansion packages from the Software Order.

Some products might be disabled either because:
* there is already an existing product on the System Fingerprint;
* cannot add different products at the same time;
* software version is not compatible with the product you are trying to add.
In this case please update your software version and try again.

[Previous](#) [Next](#)

Select the expansion licenses and the quantity to activate them:



Activate License

System Fingerprint 90013
Application BVMS | v.11.0.0.1

Select Expansion Products

	Quantity
<input type="checkbox"/> MBV-FMAPPRO	1
<input checked="" type="checkbox"/> MBV-XCHANPRO	4
<input type="checkbox"/> MBV-FMAPLIT	1
<input type="checkbox"/> MBV-FMAPPLU	1
<input type="checkbox"/> MBV-XCHANLIT	1

Some products might be disabled either because:
* there is already an existing product on the System Fingerprint;
* cannot add different products at the same time;
* software version is not compatible with the product you are trying to add.
In this case please update your software version and try again.

[Previous](#) [Activate](#)

Step 7: Download your activation file and make it accessible to the BVMS computer

After you successfully added your license, you will see the following license dashboard in the Remote Portal. Click **Download** to download the activation file and save it on your computer.

Note: If your BVMS application is not installed on the same computer where your activation file is saved, transfer the activation file to the computer with the BVMS application.

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Systems Services Users Service Licensing Software Licensing

Bosch Manual Hepting

Remote Portal

Software Licensing > MySite

License was successfully activated.

MySite

Installation Site: MySite
Activation File: Download
Activated On: 17. May 2021 10:20
Activated By: Manuel Hepting

System Fingerprint: 90013
Software License ID: 94009f5b-1a59-452f-90aa-99916b775969
SMA End Date: 17. May 2021

Product	Product CTN Number	Software Version	Quantity
MBV-BPRO	MBV-BPRO		1
MBV-XCHANPRO	MBV-XCHANPRO		4

Opening lservrc_2021517102118

You have chosen to open:

lservrc_2021517102118
which is: TXT file (23.6 kB)
from: blob:

What should Firefox do with this file?

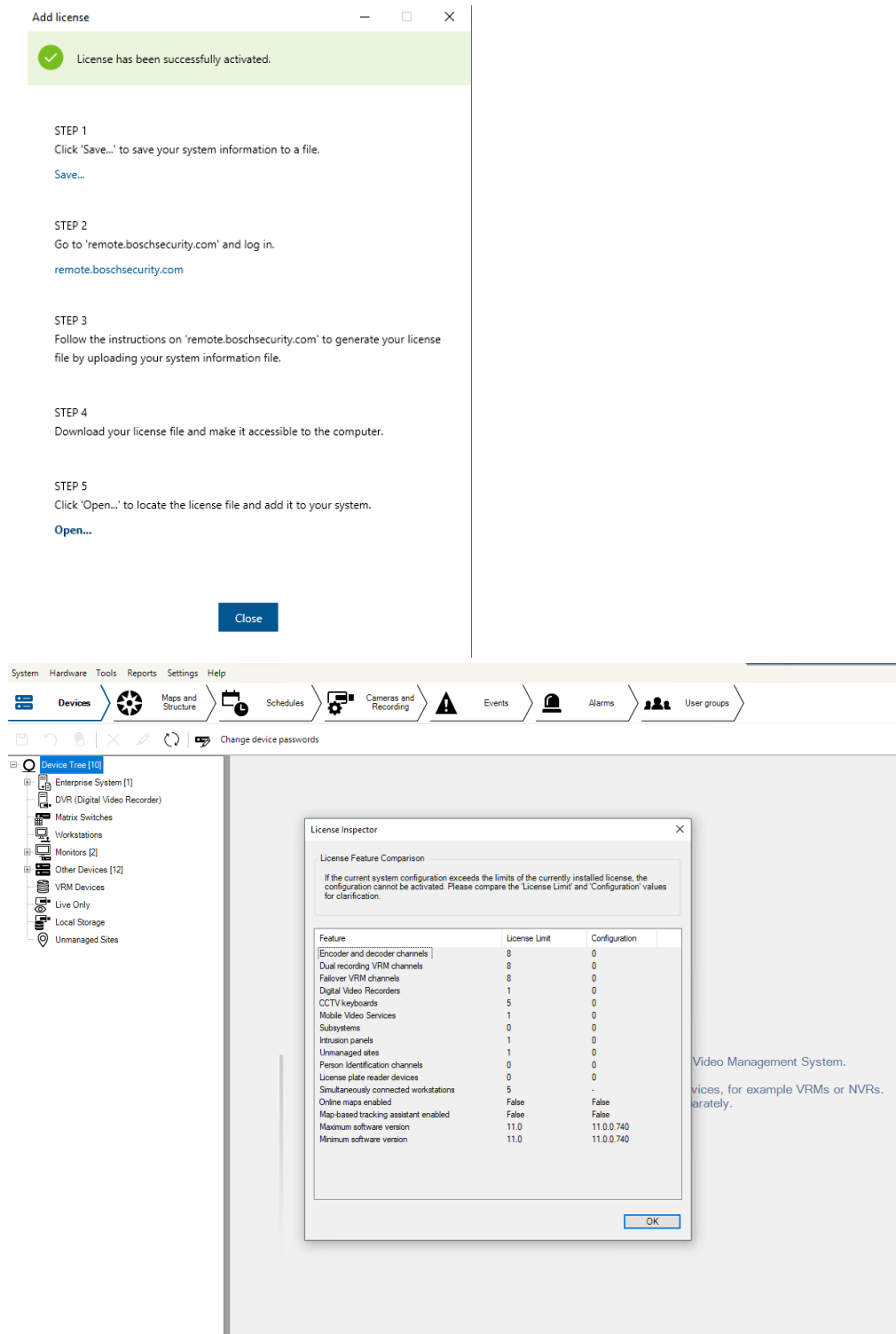
Open with

Save File

Do this automatically for files like this from now on.

Step 8: Upload the generated activation file

Go back to your BVMS application and click the **Open** button under **STEP 5** to upload your activation file. After successfully uploading your activation file, the license status changes to “activated” and your license information displays.



Now you can start using the full potential of your BVMS application and configure your system by adding cameras, for example.

7 Data transfer from Bosch Software License Manager System to Bosch Remote Portal

During the license upgrade from BVMS 10.1 to BVMS 11.0, the license is migrated from the SLMS system to the Remote Portal System. The following data transfers from the SLMS System to the Remote Portal system:

- All active licenses on the computer signature
- Software assurance end date
- Assigned country to the SLMS user ID

Not visible for users, only transferred for documentation reason:

- The old unique identifier of the BVMS system, called computer signature
- User ID of the SLMS user requesting the migration
- Order number of the base package

8 Activating on a dummy computer signature to upgrade to BVMS 11.0

All DIVAR IP units by Bosch will still be shipped with BVMS 10.0 or a BVMS 9.0 version. All ordered base packages and expansion licenses for DIVAR IP units will be created by Bosch order desk for BVMS versions prior to BVMS 11.0. If you want to upgrade the unit to latest BVMS 11.0 version, first activate the license on the BVMS version prior to BVMS 11.0. Then upgrade the license with the above described upgrade process to BVMS 11.0.

In case the unit is already upgraded to BVMS 11.0, the system does not show you a computer signature to activate the licenses, as this identifier does not exist anymore in BVMS versions higher than 11.x. In this case activate the licenses on a dummy computer signature (self created 32 digits hexadecimal string) in the SLMS system and upgrade the licenses afterwards starting from the dummy computer signature.

A dummy computer signature consists of 32 characters. In order to make sure that a unique computer signature is used, generate the dummy computer signature with a random hex key generator or create the dummy computer signature ID by yourself:

Example:

1234 5678 9ABC DEF1 1234 xxxx xxxx xxxx

Replace xxxx xxxx xxxx by the year, date and time,

1234 5678 9ABC DEF1 1234 **2021 0705 0815**