

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	Inital White Paper: BVMS on DIVAR IP licensing

3 DIVAR IP units to be upgraded to BVMS 11.0

	DIVAR IP AIO 7000	DIVAR IP AIO 7000	DIVAR IP 7000	DIVAR IP AIO 5000
	(DIP-73)	(DIP-72)	(DIP-71)	(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	Windows Storage	Windows Storage	Windows Storage
	for Storage	Server 2016	Server 2012 R2	Server 2016
Max. channels;	256 ch / 550 Mbits /	256 ch / 550 Mbits /	128 ch / 550 Mbits /	42 ch / 170 Mbits /
bandwidth, storage	16*12TB	16*12TB	16*8TB	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 (no	ot 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

MBV-BLIT-DIP	included	maximal	Expansion CTN
Channels	32	42	MBV-XCHANLIT
Workstations	2	5	MBV-XWSTLIT
DVR's	1	10	MBV-XDVRLIT
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

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

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 de	fault free of charge package (ne	ot registered in Remote Portal)	
Free of charge base package	8 channel package	8 channel package	32 channel package
Expansion to more than the f	ree 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 expanison liceses 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**:



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.



Start the upgrade process:

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

₽ Japanese	🖾 Contact	Corpora	ate information	Legal Not	ice Data Protection No	tice Ter con	rms and ditions	Web accessibility	5/3/2021
	OSCH Inted for life								
 Homepage 								Bosch Secu	urity Systems
Bosch Secu Software Li	irity Systems icense Mana	ger			My Activa	ations			
 My Activation 	IS								
Create Demo	Licenses	Selec	t a Product Fan	nily: BVMS	~				
Find Activation	ins	Your	Product Activat	tions are liste	d below.				Export to Exce
My Account		S	ystem	nstallation	Comment	Current	Next Ve	rsion	Upgrade
License Activ	/ation		503 2021	Sile		version			
Download Bu	indle File	□ □ ¹	111 1111 I	DIP Plus test		101	110	1	Upgrade
Reporting License Statu 	ıs	A	uthorization 5	5225 4287 99	37 4726		MBV-BPL	J-DIP(1) AN-DIP(10)	
▶ Maintenance	Extension Repor	t A K	ctivation a	29D3 0067 90 92BE 81A1	6F 20AD 787F 5197 A20	F AF4F	MBV-XWS	ST-DIP(2)	
		11 11 11 21	111 2019 111 1111 t 111 1342 t 021 1202	est migration I	test migration 1	101	To upgrad version pl the curren maintenan agreemen	le to the next ease extend nt ice t	
		20 11 11 11	011 2018 111 1111 111 1111 t 111 1933	est hma5ot		-1	License is to upgrad	a not eligible e	
		31 11 11 11	004 2021 111 1111 1 111 1111 / 111 1034	Test Activation 2		110	License d a higher v	oes not have rersion	Upgrade
		Click	here to activate	e new license	15.				
Top of page	9				© 2019 Bos	ch Sicherhe	itssysteme	GmbH all right	s reserved

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



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

₽ Japanese	🖂 Contact	Corporate information	Legal Notice	Data Protectio	n Notice	Terms and conditions	Web accessibili	5/3/2021
	OSCH							
 Homepage 		_					Bosch S	ecurity Systems
Bosch Sec Software I	curity Systems License Manag	er		My Acti	ivation	Wele S	come manue	lhepting@gmx.de
Customer (My Activation	Operations ons	Activation for HWID	0503 2021 1111 1	111 1111 1111 1111	1 1436 succe	ssfully upgra	ded.	
Create Dem Find Activat	io Licenses tions	Select a Product Fa	mily: BVMS	~				Furnad to Furna
 My Account License Account 	t tivation	System In	stallation Con	iment	Current	Next Vers	ion l	Jpgrade
Change Pas Download E	ssword Bundle File	0503 2021 =1111 1111	P Plus test		110	License doe	s not have	Ungrade
Reporting License Sta Maintenanc	itus e Extension Report	Your license is si Please go to Bos https://remote.bo	uccessfully upgra ch Remote Portal t schsecurity.com/ : 933344de-f59c-4	ded to BVMS11.0. o activate your lic 17a5-9bc3-a0bee	ense. de63ad8	a higher ver	sion I	Send Email
		1111 2019 ⊡1111 1111 te: 1111 1342 1 2021 1202	st migration test n	nigration 1	101	To upgrade to version please the current maintenance agreement	to the next se extend	
		2011 2018	st hma5ot		-1	License is no to upgrade	ot eligible	
		3004 2021 1111 1111 Te 1111 1111 Ac 1111 1034	st ctivation 2		110	License doe a higher vers	s not have sion	Upgrade
▲ Top of pa	0e	Click here to activa	te new licenses.	@ 2019	Bosch Sicher	rheitssysteme	GmbH all ri	inhts reserved

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



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.

Configuration Client	×	
The system Please activi	is currently running in an unregistered mode. ate your license package.	
	OK	
System Harshales Tools Reports Settings Help The Devices Settings Help Devices Settings Help Setter	n) 🚰 (many) 🛕 ten) 🚊 men) 🚨 terrer)	
Control Contro		

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

Activate a license

License Manager	-		×
License status	no license found		
System fingerprint	*1XH EFYL BCCW GTD9	Сору	
Installation site			
Licenses	Add		
Effective license	none		
Features	License inspector		
Installed BVMS version	11.0		
Licensed BVMS versions			
Activation date	not available		
Expiration date	not available		
Software Maintenance Agreement			
Expiration date	none		
C	se		
	J.C.		

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. Safe 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.

BOSCH Invented for life	Remote Portal
Plug-and-play connectivity Connect devices to the Remote Portal securely and without changes to local network. Remote access is set up easily with minimal time needed.	
Welcome to the Remote Portal	Please login
Bosch Remote Portal connects you to your Bosch Security devices from anywhere and lets you perform remote administration and maintenance anytime.	E-mail
Registration is free. Sign Up	Password
	Forgot your password?
	C Keep me logged in Login

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:

Invented for Life			(m) Remote Port
Systems Services Users Service Licensing S	oftware Licensing		
oftware Licensing			
earch Filter Available (17) Activat	ed (54) Demo (5) 76 of 76 items visible		
Drders			
Software Activation To activate your software proceed with the following steps:	Free Demos Available	23.04.2021 Available	23.04.2021 13:48
Step 1. Clam Software Dider Step 2. 🔇 Actuals License Step 3. 2 Downlad Actuation File	Vou can test eur produits feier of hubings for a limited parted. Activate per frais chemis Liberatas Name. Products: Integration (Linghits - Grono B:005 - Tree of change	Software Over 10 2804832464*43545954562194684 Produce Witter-Art 100 Witter-Art 100 Witter-Art 010 Witter-Art 0100 Witter-Art	Software Over ID Woldser Telf-1996 soft-13879555138 Posters: Menoconsult (18) Menoconsult-1990 Menoconsult-1990 (19)
23.04.2021 13:56 Available	BLIT test 26.03.2021	BVMS Software Order ID	Emergency test 21.04.2021
Sedware Order ID 43xedTor330x4904.482xe4050610114 Provins: Marc Pru3Art (13) Marc Pru3Art (13) Marc Pru3Art (13) end 6 mm	Software Over (0 - 1776447# Score-NDF 6886-dfabd689filed Produces NBVELT (3)	Software Over 10 4807/623-6074123-8054-8864338733 Predent MIR/GRID (1) 889/3004090 (10)	Software Order 10 20024009-0411-4304-6302-Ted905642340 Produces IMEV48046 (120)
igi test Available	Intelligent Insights software order id	LIT expansions 26.04.2021	max system limit check plus
Software Order ID 80671150-4459-4304-8564-304374146649 Products MEV-BLIT (10) MEV-XX8DLIT (1)	Software Order ID off91149/Bas-Vab9 9495-3849od06bb94 Products IOI-Base (1) IOI-Dash (5)	Software Order ID 0d874466-d801-4399-6320 5612755467a7 Products MEM-MARLIT (5) MEM-YOSAUT (5) MEM-XCHANLIT (200) end 8 more	Software Order ID affsc118breff-4dbr/bolef-todalad851a0 Products MER-PR-UL(3) MER-PRAPPLU (3) MER-PRAPPLU (5) and 12 mor

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

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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 Sot To claim a S Order ID of	ftware Ord oftware Order, co the e-mail you red	der opy and paste i ceived into the	the Software textbox.
Name			
Goftware Order ID			
	Claim	Cancel	

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.



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Activate License



Select the base package to activate it:

System Fingerprint	90013	
Application	BVMS v.11.0.0.1	
Select Base Product		
MBV-BLIT		
MBV-BPLU		
MBV-BPRO		
There is no Base Pro	duct installed for this product family for this System	
Fingerprint. Please s	elect a Base Product first and then click "Next" to select	
expansion packages	from the Software Order.	
expansion packages	rrom the Software Order.	
expansion packages Some products might b * there is already an exi	rrom the Sortware Order. xe disabled either because: sting product on the System Fingerprint;	
expansion packages Some products might b * there is already an exi * cannot add different p	Trom the SoftWare Vrote. He disabled either because: sting products on the Softam Fingerprint; youducts at the same time;	
expansion packages Some products might b * there is already an exi * cannot add different p * software version is no	Trom the Software Under. be disabled either because: sting products at the System Fingerprint; roducts at the same time; f compatible with the product you are trying to add.	

Select the expansion licenses and the quantity to activate them:



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.

				Bosch Manuel Hepting ~
Invented for life				💮 Remote Portal
Systems Services Users Service Licensing Software Licensing				-
Software Licensing > MySite				
Vicense was successfully activated.				×
MuSito				
WySite				
$\mathbb{Q}_{\mathbf{y}}$	Installation Site Activation File Activated On Activated Re	MySite Download 17. May 2021 10:20 Mapuel Honting		
Comment McComment	System Fingerprint	90013		
	Software License ID SMA End Date	94dd6f5b-1a59-452f-90aa-99916b775969 17. May 2021		
	Desident CTN Marshar		Toleman Marian	Quarthe
T DAUGA				Quantity
MBV-BPRO	MBV-BPRO			1
MBV-XCHANPRO	MBV-XCHANPRO			4
Opening Iservrc_2021517102118	×			
You have chosen to open:				
kervrc 2021517102118				
which is: TXT file (23.6 kB)				
from: blob:				
What should Firefox do with this file?				
O Open with Browse				
Save File				
Do this automatically for files like this from now on				

ОК

Cancel

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.

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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 expanison liceses 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 by the year, date and time,

1234 5678 9ABC DEF1 1234 2021 0705 0815