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Bosch Video Integration with SiPass 2.76
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This ReadMe file provides important information about the Bosch Video Integration for SiPass 2.76. Please read this file before installing the product. This file includes important information for users who wish to configure and use Bosch video recorders within Siemens SiPass access control software.

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SYSTEM COMPATIBILITY

This section lists the latest builds of system components which have been tested by Bosch.

Software Package versions:

Siemens SiPass:	2.76.26.01
Bosch Video SDK:	6.34.00.197
DVRServerBosch.dll:	2.03.00.01
DVRServerBoschPS.dll:	2.03.00.01
DVRServerBoschPackage.msi:	2.03.00.01
BoschIntegrationConfigurator.exe:	2.01.00.01
IntegrationConfig.dll:	3.02.01.01
Microsoft .NET Framework:	4.6
Tested Operating Systems:	Microsoft Windows 10 64-bit, Microsoft Windows Server 2012 R2 SP2 (x64), Microsoft Windows Server 2016 (x64)

Tested Bosch devices and firmware versions:

Video Recorders

- Video Recording Manager (VRM): 3.83
- Divar IP

Common Product Platform (CPP) products (cameras, encoders)

- CPP-ENC: 5.54
- CPP3: 5.75
- CPP4: 7.10
- CPP5: 6.31
- CPP6: 7.80
- CPP7: 7.80
- CPP7.3: 7.80
- CPP13 7.75

CONFIGURATION

This section lists the steps necessary to install and setup Bosch video recorders within SiPass

1. Install and configure the Bosch recorders and cameras per the device-specific instructions.
2. Install the **Bosch Video SDK** (VideoSDK.06.34.0197.x86.msi) on all SiPass workstations (clients and server).
3. Install **Bosch Integration Configurator** application (BoschIntegrationConfiguratorSetup.exe).

   NOTES:

   - Clients do not need to install **Bosch Integration Configurator (BIC)** application on every SiPass Server\Client. It can be done on one PC (even one where SiPass is not installed). Please refer the Bosch Integration Configurator User Guide for the usage details.

4. Using the **Bosch Integration Configurator (BIC)** application create and save the **IntegrationConfig.xml** device configuration file in the SiPass installation folder.

   NOTES:

   - The file name must be saved as **IntegrationConfig.xml**.
   - When upgrading an existing system with VRM version lower than 3.60 to VRM version higher than 3.60, the user has to generate a new device configuration file (IntegrationConfig xml). The existing device configuration i.e. IntegrationConfig.xml present in the SiPass installation folder will not work with the upgraded VRM system. The user must use the **BIC** to generate a new device configuration file (IntegrationConfig xml) and also change the Camera Number in SiPass configuration accordingly based on the AssetID found in the newly generated IntegrationConfig.xml.

5. Copy the **IntegrationConfig.xml** device configuration file to the SiPass installation folder on all workstations (clients and server).

   NOTES:

   - This file must be an exact copy on all workstations.
   - The SiPass program group shortcut must point to this folder as the "start in" folder.

6. Install the **Bosch SiPass plugin** (DVRServerBoschPackage.msi) on all SiPass workstations (clients and server).

   NOTES:

   - Start the **SiPassServer** service. If the **SiPassServer** service is already running then stop and restart the service.
   - The **SiPassServer** service must be restarted for any configuration changes occurring in **IntegrationConfig.xml** file.

7. Run the **SiPass Configuration** client application.
8. Select the menu item **System/Components**.
9. In the **Component Definition** tree, expand the server to which the device needs to be added.
10. Select the **DVR** sub-tree and click the **New Unit** button.
11. Enter the following information:

    Name: Enter a descriptive name for the DVR

    Type: Select "Generic (DVR-API)"

    DVR Server: Select the type of Bosch device you are adding (e.g. Divar IP, Bosch Vrm).

    DVR IP: Enter the DVR's IP address

    User Name: Enter a valid username for the device

    Password: Enter the correct password for the device

12. Click the **Save** button.
13. Click the **New Point** button once for each camera you wish to configure and enter the following:

    Name: Enter a descriptive name for the camera

    Camera Title: Enter a descriptive name for the camera

    Type: Select either "Fixed Camera" or "PTZ Camera" depending on the camera type

    Camera No: Enter the **Asset ID** number for this camera as found in **IntegrationConfig.xml**.

    Pre-Recording Interval: Enter the number of seconds of playback video to display before an event occurs.

    Description: enter a descriptive name for the camera

14. Click the **Save** button. Click the **Close** button. Now the Camera is added under the **DVR** sub-tree.

15. Launch **SiPass Operator Client** application to verify the DVR and camera configuration.
16. Expand the **DVR** sub-tree. Expand **Live DVR** sub tree item.
17. Expand the configured DVR. Double click on the configured camera to verify live video and change the Mode to Recorded Video and specify the Start time parameter to verify the recorded video.