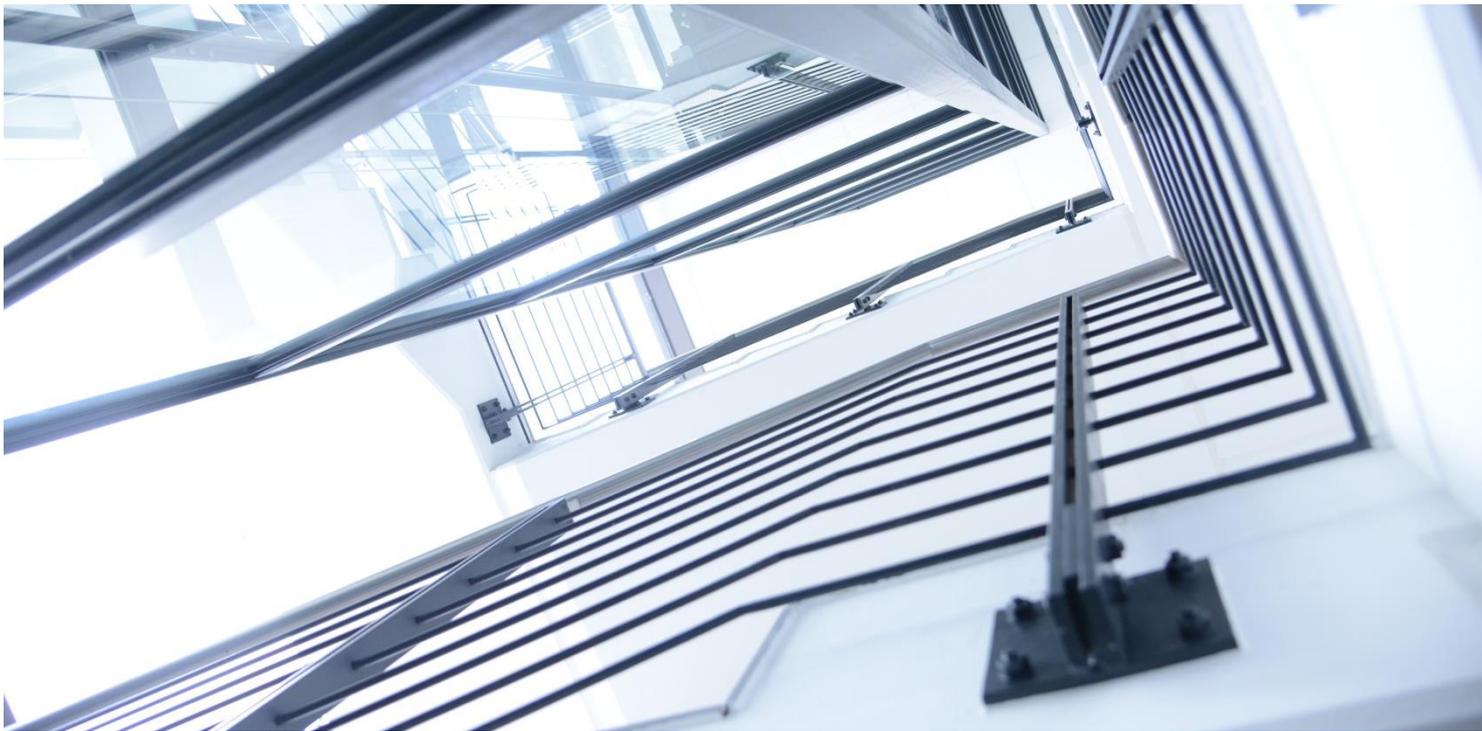


KEEP IT SIMPLE!



XPROTECT PLUGIN PICTUREFORWARDER

Administrator and User Manual

www.binserv.de

Version	1.0
Date	17.07.2020
Status	Final

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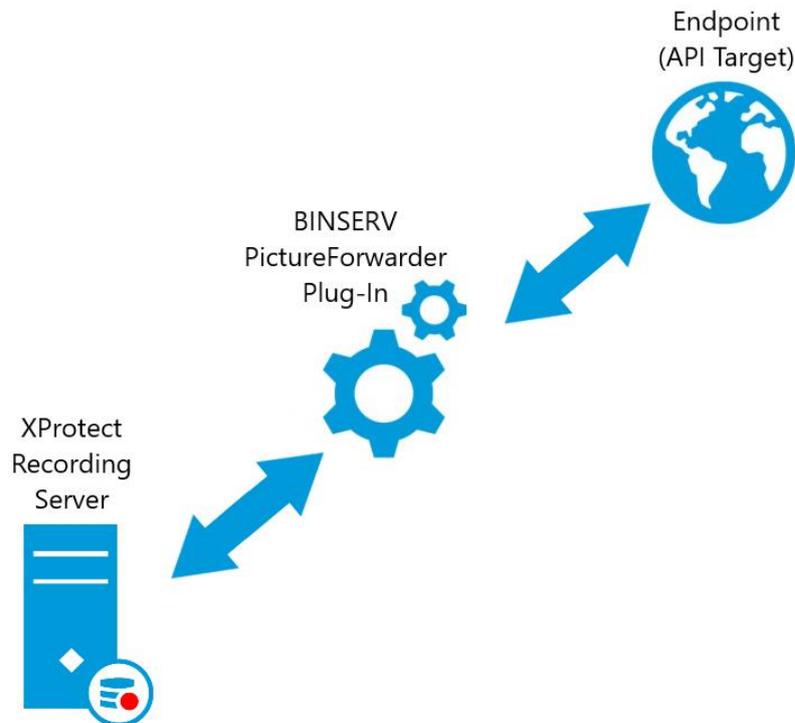
1 Introduction and Architectural Overview

BINSERV's PictureForwarder for Milestone enables you to extract and forward pictures from your XProtect VMS to any third party software providing an HTTP(S) endpoint (Open API).

A use case for the PictureForwarder plugin could be the use of XProtect as a monitoring tool for a parking space where, besides license plate and parking duration data, a corresponding evidence photo will be required (e.g. for legal reasons).

It enables the user to pick out the exact picture that belongs to a particular event, therefor adding an "evidence photo" component, wherever you need further proof within your 3rd party software.

Combined with our EventForwarder Plug-In for example, it will hand you all the data you need to create bills and parking tickets for your customers.



2 How to install

1. Open the File Explorer of your XProtect Management Server, navigate to “%ProgramData%” and create a new folder named “*BINSERV PictureForwarderService*”.

2. Create a new **.txt-file** inside the folder named „**config.json**“

3. Copy the following **string** to your „config.json“ file:

```
{"ApiBaseUrl": "https://api-target/", "PlatformUri": "http://localhost/", "PollingInterval": "00:01:00"}
```

4. Edit the string for it to meet your individual demands:

API-Target = The destination where the pictures will be sent

Platform-Uri = The destination of your Milestone XProtect Server

PollingInterval = The timespan between scans for new picture data (Default Setting: 1 Minute)

5. Now navigate to „%Program Files%“, open the „Milestone“ directory and create a second folder named „*BINSERV PictureForwarderFiles*“.

6. Extract the „*PictureForwarderService_Files.zip*“ to this directory (C:\Program Files\Milestone\BINSERV PictureForwarderFiles“).

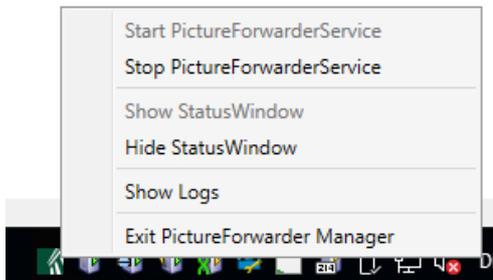
Note: It is critical, that the files are extracted to an „x64“ directory, where the „network service“ as well as the „local user“ both have „read permission“, if you need to choose a different directory.

7. Finally install the service by opening your „**CMD**“ (Command Line) and entering the following command:

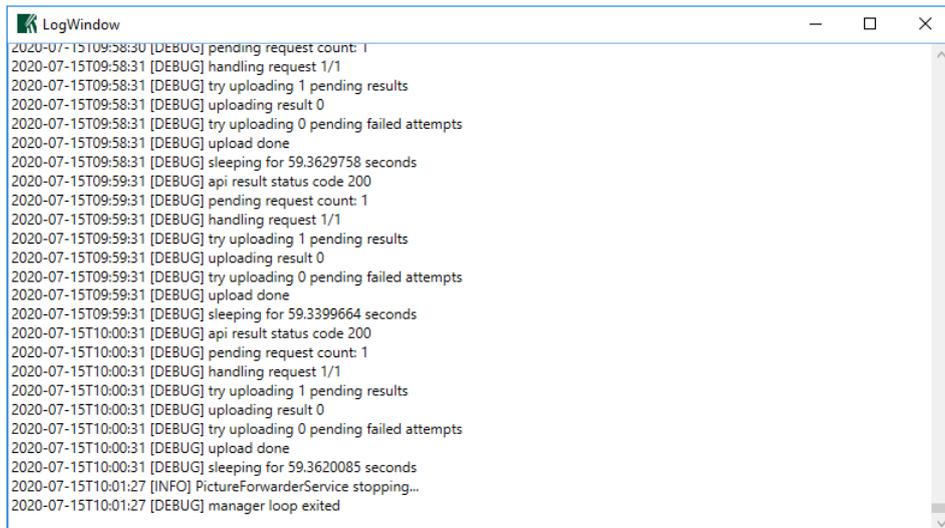
```
C:\Windows\Microsoft.NET\Framework64\v4.0.30319>InstallUtil.exe "C:\Program Files\Milestone\BINSERV PictureForwarderFiles\PictureForwarder.exe"
```

3 How it works

Once installation is completed, the PictureForwarder will appear in the tray of your taskbar, just like any other XProtect-Service.



By right clicking, you will open the manager menu, where you can start or stop the service, open the status window and/or open the log file.



The PictureForwarder now communicates with your third party software, that in turn provides him with the information needed (camera GUIDs and time stamps). The PictureForwarder will then retrieve the according data from your Milestone recording server and send the corresponding images to your API-Target.