#### **Overview**

The Tokheim Forecourt integration works with any exacqVision system running Windows or Linux. This document assumes that the exacqVision server and the Tokheim Forecourt application are both installed and running.

#### Requirements

Minimum software requirements:

- exacqVision version 5.0 or later
- Tokheim Forecourt version EUR33.0.96 or later

#### Note

• Make sure the FTP location is not pointing to the exacqVision server or OS drive; if it is, the drive will run out of storage space.

### Configuration

Download and install the Tokheim integration plugin.

- o <u>Windows</u>
- o <u>Linux</u>

The default installation paths are: Windows: C:\Program Files\exacqVision\evTokheim. Linux: usr\local\exacq\evTokheim

A file called evTokhemPI.xml is created at installation. Configuration of this file is required for proper operation. All configuration information for the plug-in is stored in the evTokheimPI.xml file with the following fields:

XML Tag	Attributes	Description	Notes	
<evtokheim></evtokheim>		Master element	Only 1 is allowed	
<options></options>		Sub-element of <evtokheim></evtokheim>	Only 1 is allowed	
	RetryIntervalSecs	Time to wait between reconnection attempts	Default=10	
	LogImageTransfers	1=Log image transfers, 0=Don't log	Default=0	
<nvr></nvr>		Sub-element of <evtokheim></evtokheim>	Multiples are allowed	
	Address	IP address of NVR	Default=127.0.0.1	
	Port	NVR port on server	Default=22609	
	User	NVR username	Required (no default; may not be empty)	
	Password	NVR user password	Required (no default; may be empty)	
<pos></pos>		Sub-element of <nvr></nvr>	Multiples are allowed	
	Address	POS IP address	Required	



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	Port	POS port	Default=7500 if not defined	
	Username	POS login name	Required, no default	
	Password	POS login password	Required, no default	
	Timeout	POS activity timeout, in seconds	Default=60	
<ftp></ftp>		Sub-element of <pos></pos>	Only 1 is allowed	
	Username	Login name for FTP connection to POS	Required for FTP use	
	Password	Login password for FTP connection to POS	May be omitted or blank	
	Port	Port number to use for FTP connection to POS	Default=21	
	Timeout	FTP connection timeout, in seconds. This is a property of the FTP server, and the value here should match it.	Default=120	
<msgoptions></msgoptions>		Sub-element of <pos></pos>	Only 1 is allowed	
	Filling	1=Send filling messages, 0=Don't send	Default=1	
	Status	1=Send status messages, 0=Don't send	Default=1	
	Customer	1=Send customer messages, 0=Don't send	Default=1	
<pump></pump>	Operator	1=Send operator messages, 0=Don't send	Default=1	
	Diagnostic	1=Send diagnostic messages, 0=Don't send	Default=0	
		Sub-element of <pos></pos>	Multiples are allowed	
	Number	Pump number (as reported in POS transaction messages)	Must be paired with a Port	
	Port	Port number to use to send data from this pump to evServer	Must be paired with a Number	
	CameralD	Camera providing JPEGs for this pump	Required for JPEG production	

Below is a sample evTokheim.xml file:





## exacq\/ision

<evtokheim></evtokheim>					
<options logimagetransfers="0" retryintervalsecs="60"></options>					
<nvr address="127.0.0.1" password="evpw" port="22609" user="evuser"></nvr>					
<pos address="1.2.3.4" password="mypw" port="7501" timeout="60" username="myname"></pos>					
<ftp password="myftppw" port="21" timeout="30" username="myftpname"></ftp>					
<msgoptions customer="1" diagnostic="0" filling="1" operator="0" status="1"></msgoptions>					
<pump camerald="12345" number="1" port="6001"></pump>					
<pump camerald="23456" number="2" port="6002"></pump>					
<pump camerald="34567" number="3" port="6003"></pump>					
<pump cameraid="45678" number="4" port="6004"></pump>					
<pos address="5.6.7.8" password="mypw2" username="myname2"></pos>					
<ftp password="myftppw2" username="myftpname2"></ftp>					
<pump camerald="56789" number="1" port="7001"></pump>					
<pump cameraid="67890" number="2" port="7002"></pump>					

- 1. After startup, the integration will check that it is connected to an exacqVision server with a Pro or Enterprise license. The integration will log whether the connection is successful with the following entries:
  - Connection started with Forecourt plug-in (if successful)
  - Forecourt plug-in shutting down, exacqVision professional or enterprise license not found (if unsuccessful)
- The focus of the integration is the serial data that is passed to the exacqVision server, which is used to determine when to capture an image to be sent via the configured FTP settings. Images are captured after receiving a start of filling and end of filling message, for a total of two images per filling.

The following steps should be performed in exacqVision Client:

3. On the exacqVision server, select **Serial Profiles** from the tree.



- 4. Click the New button under Existing Profiles.
- 5. Enter a new Profile Name such as Tokheim.
- 6. Click **Apply**.

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- 7. On the exacqVision server, select Serial Ports from the tree (see image below).
- 8. In the Use column, select POS.
- 9. In the Name column, select a name such as Tokheim.
- 10. In the Profile column, select the profile name you created earlier.
- 11. In the **Type** column, select **TCP**.
- 12. In the **Address** column, enter the address of the exacqVision server if Tokheim Forecourt is running on the server; otherwise, enter the address of the Tokheim Forecourt server.
- 13. In the Port column, enter the port configured in the evTokheim.xml file.
- 14. Leave the Max Line Length, Line Ending, and Timeout values at their default values. Click Apply when finished.



15. Click on the Live Page icon in the exacqVision menu bar:



- 16. Double-click the name of the profile you created earlier to display it in the panel.
- 17. You should now see scrolling plate information overlaid on the live traffic lane camera.

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Page 4 of 6 November 2019 **Note**: After you see the serial messages coming into the exacqVision system, check your FTP destination to make sure you are receiving images for the start and end of fillings.



Event links can be created in the exacqVision system to use a serial keyword to force a camera to start recording for example. To do this, follow these steps:

- 1. Select Event Linking from the system tree.
- 2. Click on New.
- 3. Select Serial Profile under Event Type.
- 4. Select the Serial Profile with the keyword created in the Tokheim profile under Event Source.
- 5. Select Record Video under Action Type.
- 6. Select your desired camera to Record Video under Action Target.
- 7. Change your values for Pre Trigger and Post Trigger if you prefer.
- 8. Click Apply.





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Layouts	Soft Trigger record-460288	Record Video Camera	5	5	Off			
Enterprise	Soft Trigger record-1442304	Record Video Acti TCM4301	5	5	Off			
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The system will now record video on the selected camera with pre and post triggers each time the event keyword is received. For more information on event linking, please see the information in the help guide by pressing F1.

## **ExacqVision Technical Support**

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