INSTALLATION MANUAL XSQUARE

Version 3.2 – October 2014



Xsquare.





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Improvement Requests

Your comments will help us improve the quality of the user documentation. Do not hesitate to send improvement requests, or report any error or inaccuracy on this user manual by e-mail to <u>doc@evs.com</u>.

Regional Contacts

The address and phone number of the EVS headquarters are usually mentioned in the **Help > About** menu in the user interface.

You will find the full list of addresses and phone numbers of local offices either at the end of this user manual (for manuals on hardware products) or on the EVS website on the following page: <u>http://www.evs.com/contacts</u>.

User Manuals on EVS Website

The latest version of the user manual, if any, and other user manuals on EVS products can be found on the EVS download center, on the following webpage: http://www.evs.com/downloadcenter.



Table of Contents

TAI	BLE OF CONTENTS	
1.	XSQUARE OVERVIEW	.1
2.	SOFTWARE INSTALLATION	.2
3.	XSECURE MANAGEMENT	.7
3.1	Introduction	7
3.2	List of Codes	7

1. Xsquare Overview

The goal of the Xsquare solution is to act as an orchestrator receiving job requests and dispatching them to the best engine (loadbalancing, JOB API, etc), which means an engine available and able to manage the requested job (transcoding, rewrap, etc).

The engines will first be limited to **XTAccess**. All the jobs for XTAccess will go through Xsquare, which will be the central point to control XTAccess. XTAccess will not be directly visible to the users any more.

The main advantages of this architecture are the following:

- One global Orchestrator for all the jobs
 → improvement of jobs load balancing, dispatching and management.
- One global configuration tool
 → simplification of the engines configuration as well as the targets configuration.
- One global monitoring tool
 → simplification of the monitoring of all the jobs.
- Additional modules (Scan Folder, Scan XML v1) can be added to Xsquare \rightarrow modularity



The clients (IPD, 3rd party, Xedio, etc) who want to create a job (transfer of media from A to B) will have only one unique interface (GUI, API, configuration): **Xsquare**

2. Software Installation

The installation package is based on a suite of software with one installer and subinstallers in subfolders.

퉬 Installers

😽 XsquareSuiteInstaller_Setup_31.00.exe

In the **Installers** folder you can retrieve all sub-installers (the EVS Software and Microsoft required software).

The Microsoft required software could be removed from the package in case of Update.



Warning

Xsquare 3.00 is compatible with Windows 7 and Windows Server 2008. It is not compatible with Windows XP or Windows Server 2003.

To install the Xsquare suite, proceed as follows:

- 1. Copy the package in a temp directory (e.g. C:\Install Software\Xsquare\).
- 2. Run Xsquare Suite install shield and then follow the steps of the Setup wizard.

🚯 Setup - Xsquare Suite	
⊠ ∪	Welcome to the Xsquare Suite Setup Wizard
ſ	This will install Xsquare Suite and a for your computer.
	It is recommended that you close all other applications before continuing.
n bS X	Click Next to continue, or Cancel to exit Setup.
	Next > Cancel



3. Press **NEXT**.

🔂 Setup - Xsquare Suite
Select Destination Location Where should Xsquare Suite be installed?
Setup will install Xsquare Suite into the following folder.
To continue, click Next. If you would like to select a different folder, click Browse.
C:\Program Files\EVS Broadcast Equipment Browse
At least 1,000.0 MB of free disk space is required.
< Back Next > Cancel

4. Select the destination directory to install the new software and then press **NEXT**.

Setup - Xsquare Suite
Installation type What should be installed?
Please specify which setup you would like to run, then click Next.
 Standalone setup (full installation)
 Orchestrator setup (Xsquare only)
 Agent setup (XTAccess only)
 Advanced setup (for experts only)
Standalone setup: automatically install Xsquare, XTAccess and their dependencies
< Back Next > Cancel

5. The Ready to Install window summarizes the selected location for Xsquare, and the database name. Click **Install**.

🔂 Setup - Xsquare Suite	
Ready to Install Setup is now ready to begin installing Xsquare Suite on your computer.	X
Click Install to continue with the installation, or click Back if you want to re change any settings.	eview or
Destination location: C:\Program Files\EVS Broadcast Equipment	*
SQL Instance: LOCALHOST	
	Ŧ
•	•
< Back Install	Cancel



- 6. You can select here the different Xsquare modes:
 - **StandAlone setup**: The installer will install Xsquare, XTAccess and all the required software. The installer will also automatically associate XTAccess to Xsquare. This Installation mode will not ask other confirmations or questions.

🔂 Setup - Xsquare Suite	
Installing Please wait while Setup installs Xsquare Suite on your com	puter.
Software requirements Sonjour service Interframework SQL Server Silverlight VC Redist 2010 SP1 VC Redist 2010 x64 SP1 EVS Software System Notification Center Authentication Xsquare Workflow Gateway Xsquare Workflow Host Xsquare XSecure Manager Common SNMP Agent XTAccess XTGateway AssociationTool	
< Back	Cancel

- **Orchestrator setup**: The installer will install Xsquare and all the required software but not XTAccess. This Installation mode will not ask other confirmations or questions.
- **Agent setup**: The installer will install XTAccess and all the required software but not Xsquare. This Installation mode will not ask other confirmations or questions.

• Advanced setup: The installer will show you all the software installed on your computer and you will be able to select manually the software to install. This Installation mode will require for each installer other confirmations and questions. This mode must be used by EVS experts only.

In this mode, the following information are displayed:

- version number of installed components,
- version number of components available in the installation package
- Install and Remove buttons for each component that make it possible to install or uninstall individual components.

🔂 Setup - Xsquare Suite				- • •
Advanced installation Click on a blue label to perform (the assoc	iated action	1	\mathbf{X}
Software requirements Software requirements Software service Software System Silverlight Silverlight 64bits VC Redist 2010 SP1 VC Redist 2010 x64 SP1 EVS Software System Notification Center Notification Center Notification Center Xsquare Workflow Gateway Xsquare Workflow Gateway Xsquare Workflow Host Xsquare Silverlight Silv	Install Install	Remove Remove Remove Remove Remove Remove Remove Remove Remove Remove Remove Remove Remove Remove Remove Remove Remove	Installed (3.0.0) (4.5.50938) (9.0.4035) (5.1.30214) no (10.0.40219) (10.0.40219) (2.1.15) (3.1.9) (3.1.39) (3.1.25) (3.1.63) (1.1.6) (101.0.13) (3.1.11) (3.1.11) (3.1.1) (1.6.0)	Available (3.8.8) (4.5.509300) (5.1.30234) (5.1.30234) (5.1.30234) (5.1.30234) (5.1.30234) (5.1.30234) (5.1.30234) (3.1.5) (3.1.5) (3.1.5) (3.1.5) (3.1.5) (3.1.5) (3.1.5) (3.1.5) (3.1.6) (1.1.6) (3.1.1) (3.1.1) (3.1.1) (3.1.1) (3.1.1) (3.1.1)
		< B	ack Finish	

Once the installation is completed, the following application shortcut to log on to Xsquare has been created on the desktop:





3. XSecure Management

3.1 Introduction

To be able to manage more than 4 XTAccess with Xsquare and to be able to have the Xsquare user rights, it is necessary to have an Xsquare license.

XSecure uses hardware information from the device where Xsquare is running. This means that it is impossible to exchange licenses or codes between devices.

Please refer to the XSecure user manual to:

- Start XSecure Manager.
- Collect information about your device.
- Request a license key from the EVS support.
- Import new license keys.

3.2 List of Codes

130 - Xsquare

- 10 Base Package: Allow users to manage more than 4 XTAccess with Xsquare.
- **20 Unlimited Engines:** Allow users to manage an unlimited number of XTAccess applications with Xsquare.

XSecure Manage	er version 1.01.02					
Identification						
S	(stem ID ZRIT-VY5-V	V7E-228	Serial Number	100400		
5			Senarivanise	100100		
Customer Information Warning						
Company EVS	Company EVS				Note : this form must be	
First Name Oliv	ier	Last Name	Fettweis		filled in on the con where the EVS app	nputer olication
Email Address 0.fe	tt@mymail.tv				will be used	
Phone Number						
Computer Description	on BEMOFE2		_			
License List						
Application	Module	Туре	From	То	Code	A
60 - XTAccess	10 - Base Package	TEMP GLOBA		see global	EBVSE-Bh37P-hx#FM-	wd@
120 - XIACCESS	20 - Transcodind	TEMP GLOBA		see diobal	COUSM-B5VUP-VXZII-J	
150 Asquare	10 base rackage	TEMI GEODA		See global	biyiv kqv2w vby5m CL	
•		111				•
		Global Ex	piration Date	24 OCT 201	3	
Operations						
Request	Select this option to g support representativ	jenerate a Licer e. Then you wi	nse Request F Il receive a Lic	ile that must b ense Key File f	e sent by e-mail to your E\ to activate your application	VS h.
Import Key File Select this option to import the License Key File sent by EVS and activate the corresponding						
	incenses.	Load Manual	ly type the lice	nse key here,	then click on "Load"	Quit
		to activi	ate the corres	ponding licens	2.	

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