

02 Installation and Update

vsmStudio

Manual



MFU / SJU / BME 12.05.2011

Legend

Please note: This information is of prime importance.

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1 Software Installation

1.1 System Requirements

1.1.1 vsmStudio Server

The following server specifications are required for the installation of vsmStudio:

- Processor: Xeon Quad, 2 GHz
- Memory: 2 GB RAM
- Hard Drive: 2 x 160 GB HDD
- Operating System: Windows Server 2003 or 2008.

1.1.2 vsmStudio Workstation

The following specifications are required for the installation of vsmStudio on a PC or a workstation:

- Processor: Core2 Duo, 2 GHz
- Memory: 1 GB RAM
- Hard Drive: 1 x 160 GB HDD
- Video Card: directX9-ready video card (nVidia Quadro FX, GeForce 6600+ or ATI Radeon)
- Operating System: Windows XP, Vista or Windows 7 SP3.

1.2 Installation of Demo Software

The demo software is available for download as .zip file or on a CD. A folder titled vsmStudio must be created on drive C as destination. Copy the .zip file into the folder.

🗦 💮 – 🚺 🕨 Compu	ter → OS (C:) → vsmStudio →	• 4	Search vsmStudio		P
Organize 👻 🔚 Ope	n 🔻 Burn New folder			H · I	0
🔆 Favorites	Name	Date modified	Туре	Size	
🧮 Desktop	Unifigurations	08.11.2010 18:41	File folder		
📕 Downloads	📕 Firmware	08.11.2010 18:41	File folder		
🖳 Recent Places	👪 LogFiles	29.04.2011 10:54	File folder		
	👪 Mapping	08.11.2010 18:41	File folder		
詞 Libraries	퉬 Resources	08.11.2010 18:41	File folder		
Documents	🎉 Storage	15.04.2011 15:54	File folder		
J Music	📩 vsmStudio - Change Log and Version History.pdf	10.12.2010 21:09	Adobe Acrobat D	853 KB	
E Pictures	vsmStudio.DAT	29.04.2011 10:55	DAT File	1 KB	
Videos	# vsmStudio.exe	10.12.2010 21:07	Application	7.725 KB	
	vsmStudio.pdb	10.12.2010 21:07	PDB File	12.825 KB	
🖳 Computer	vsmStudio-B1317-Internal-Release.zip	03.09.2010 20:55	Compressed (zipp	6.703 KB	
A 05 (C)	wemStudio_R1230_Internal_Release zin	26 10 2010 10-20	Compressed Izinn	6 705 KR	

vsmStudio folder on C drive

Unpack the .zip file in the same folder (C:\vsmStudio).

Extract Compressed (Zipped) Folders		The local	
Select a Destination and Extract File	S		
Files will be extracted to this folder:			
C:\vsmStudio		Brows	e

Unpacking of .zip file into the vsmStudio folder

The folder contains the following three files:

- vsmStudio Change Log and Version History.pdf, documenting the changes made to the older versions of the software
- vsmStudio.exe, the actual vsmStudio file and
- *vsmStudio.pdb*, the library that generates dump files.

🔾 🗢 📑 🕨 Compu	ter ► OS (C:) ► vsmStudio ► vsmStudio-B	1393-Internal-Release.zip	- 49	Search vsm	Studio-B	1393-Internal-Re	den .
Organize 🔻 Extract :	all files					· ·	
🔆 Favorites	Name	Туре	Compressed size	Password	Size		Rat
📃 Desktop	🔁 vsmStudio - Change Log and Versi	Adobe Acrobat Document	789 KB	No		871 KB	109
\rm Downloads	💷 vsmStudio.exe	Application	2.422 KB	No		7.763 KB	699
🔚 Recent Places	vsmStudio.pdb	PDB File	3.867 KB	No		13.249 KB	719

vsmStudio update folder

Start the software by executing the *vsmStudio.exe*.

2 Software Registration

After the initial start of vsmStudio, the following prompt will provide further information to register the software license:



License registration instructions

To register your software, select the option registration under the menu tab. The following registration window will open:

008 · 748 · U74 · 84	8 - UEM - MOD - J		
	0 - 003 - 333 - 4	116 - 010 - 114	
ill provide uou with :	a registration co	de that should be	entered below
	aregistration co	de triat si iodia de	s entered below
	ll provide you with a	II provide you with a registration co	II provide you with a registration code that should be

Registration window

The system ID shown in the top row must be provided to the responsible sales partner together with the following information:

- Name of end customer
- Project or installation name
- Name of system integrator
- Server name
- On-site contact for technical questions
- If vsmPanel licenses are included in the order: number of vsmPanel licenses used
- Number of control ports (see chapter 8).

The registration key will be provided after the aforementioned information has been fully submitted. Enter this combination in the blank line of the registration window shown above. This concludes the registration process – the software can now be used without any limitations.

3 VSM Folder Structure

The folder vsmStudio on drive C is automatically created with the following folder structure:

💮 🗝 🕌 🕨 Compu	ter ► OS (C:) ► vsmStudio ►	- 49	Search vsmStudio	
rganize 👻 Include	in library 🔹 Share with 💌 Burn New folder			•
F avorites	Name	Date modified	Туре	Size
📃 Desktop	Configurations	08.11.2010 18:41	File folder	
📕 Downloads	👪 Firmware	08.11.2010 18:41	File folder	
🔢 Recent Places	📕 LogFiles	29.04.2011 10:54	File folder	
	👪 Mapping	08.11.2010 18:41	File folder	
🛿 Libraries	🔒 Resources	08.11.2010 18:41	File folder	
Documents	🎉 Storage	15.04.2011 15:54	File folder	
J Music	🔁 vsmStudio - Change Log and Version History.pdf	16.03.2011 10:12	Adobe Acrobat D	867 KB
Pictures	vsmStudio.DAT	29.04.2011 10:55	DAT File	1 KB
📑 Videos	vsmStudio.exe	16.03.2011 09:06	Application	7.723 KB
	vsmStudio.pdb	16.03.2011 09:06	PDB File	13.185 KB
Computer	vsmStudio-B1317-Internal-Release.zip	03.09.2010 20:55	Compressed (zipp	6.703 KB

3.1 Folder Configurations

<u>D</u> atei <u>B</u> earbeiten	<u>Ansicht Eavoriten Extras ?</u>			
🔇 Zurück 🔹 🕥 👻	🧊 🔎 Suchen 🌔 Ordner 🛛 🎲 🎲	× 9 🔤 -		
Adre <u>s</u> se 🛅 C:\vsmS	Studio\Configurations			
Geändert am	Name	Größe	Тур 🔺	Attribute
2011-03-10 17:26	Remote		Dateiordner	
2011-03-08 00:11	🛅 MultiServer.bak	43.126 KB	BAK-Datei	А
2010-12-14 15:33	🖾 MultiServer.B1184.vmcc	42.564 KB	VMCC-Datei	А
2010-12-03 14:32	📾 MultiServer.B1336.vmcc	5.773 KB	VMCC-Datei	А
2011-01-04 19:39	🛅 MultiServer.B1350.vmcc	36 KB	VMCC-Datei	А
2011-02-17 17:10	📾 MultiServer.B1359.vmcc	51 KB	VMCC-Datei	А
2011-02-22 15:15	📾 MultiServer.B1360.vmcc	43.119 KB	VMCC-Datei	А
2011-03-08 00:11	🛅 MultiServer.B1369.vmcc	43.118 KB	VMCC-Datei	А
2011-03-14 18:41	🛅 MultiServer.B1376.vmcc	43.118 KB	VMCC-Datei	А
2011-03-16 11:28	📾 MultiServer.B1378.vmcc	43.119 KB	VMCC-Datei	A
2010-12-14 15:33	📷 v1214.B1184.vmcc	42.639 KB	VMCC-Datei	А
2010-12-14 15:33	MultiServer.vmc	42.564 KB	vsmStudio	А
2010-12-14 15:33	# v1214.vmc	42.639 KB	vsmStudio	A

The Configurations folder saves the following files for every configuration (see chapter 3):

3.1.1 .vmc-files

For every configuration, a .vmc file is created with an individual ID. It serves the synchronisation of servers in the multiserver cluster and contains the protocol assignment and configuration of the virtual master matrix (see chapter 6).

3.1.2 .vmcc-files

.vmcc-files are generated automatically during software updates.

3.1.3 .bak-files

.bak files are backup files that are created automatically if system-critical changes are made to the configuration.

3.2 Folder Firmware

<u>D</u> atei <u>B</u> earbeiten	<u>Ansicht Eavoriten Extras ?</u>			
🔾 Zurück 🔹 🕘 👻	🇊 🔎 Suchen 🌔 Ordner 📋	🕸 🗵 🗙 🗐 🗄	-	
Adresse 🛅 C:\vsm3	Studio\Firmware			
Geändert am	Name 🔺	Größe	Тур	Attribute
2010-10-11 09:23	Firmware.2281.pFL	68 KB	PFL-Datei	A

The folder *Firmware* initially contains no files. It is used to update the VSM hardware. Paste a new .pfl file into the folder to update the VSM hardware's firmware automatically. The hardware can be downgraded or flashed using a *Firmware.Patch.ini* file.

3.3 Folder LogFiles

🕑 🗸 🕨 🕹 Compu	uter > OS (C:) > vsmStudio > LogFiles >		Search Logi	Files	_	Q
Organize 🔻 🛛 Include	in library 🕶 Share with 🕶 Burn	New folder		855 💌		0
🚖 Favorites	Name	Date modified	Туре	Size		-
E Desktop	Jumps	20.04.2011 18:22	File folder			
📕 Downloads	📕 Trace	30.03.2011 16:12	File folder			
📃 Recent Places	📄 vsmStudio - 2010-11-08.log	08.11.2010 18:51	Text Document	4 KB		
	📋 vsmStudio - 2010-11-15.log	15.11.2010 18:59	Text Document	2 KB		
🗃 Libraries	📄 vsmStudio - 2010-11-19.log	19.11.2010 16:31	Text Document	2 KB		
Documents	📄 vsmStudio - 2010-11-22.log	22.11.2010 18:25	Text Document	25 KB		-
J Music	📄 vsmStudio - 2010-11-23.log	23.11.2010 09:39	Text Document	7 KB		
E Pictures	🗍 vsmStudio - 2010-11-24.log	24.11.2010 15:27	Text Document	164 KB		
Videos	📄 vsmStudio - 2010-11-25.log	25.11.2010 16:23	Text Document	4 KB		
	💭 vsmStudio - 2010-11-29.log	29.11.2010 18:14	Text Document	4 KB		
🖳 Computer	📄 vsmStudio - 2010-12-02.log	02.12.2010 15:06	Text Document	2 KB		

3.3.1 .log-files

The software creates daily log files and saves them in this folder. This happens, for example, every time vsmStudio is started. If the software runs for 24 hours, a log file is created at 3:00am (local time) by default. Its size (in gigabytes) as well as length of time it will be saved can be defined at the start of every configuration (see chapter 3.1.3. Retention Limits for Log Files and Alarms). Log files are sorted by date and saved in a text format. Manual deleting of log files on a regular basis is recommended.

3.3.2 Subfolder Dumps

In the event of a crash, dump files (.dmp) are saved in the folder *LogFiles*. These contain a snapshot of the memory with time and date of the crash. This allows the identification of the problem that led to the crash.

3.3.3 Subfolder Trace

.txt files showing the *CommTrace* are saved in the subfolder *Trace*. Trace files contain information pertaining to the logging start of the computer, the version of vsmStudio used, running events, and crosspoints with pseudo devices (see chapter 12). Go to the *System Debug Flags* rider under matrix settings to create a trace file (see chapter 6.7 Matrix Properties).

3.4 Folder Mapping

🛅 C:\vsmStudio\M	lapping			
<u>D</u> atei <u>B</u> earbeiten	<u>A</u> nsicht <u>E</u> avoriten E <u>x</u> tras <u>?</u>			
🔇 Zurück 👻 🕥 👻	👔 🔎 Suchen 🌔 Ordner 🕼	D 🗙 🍤 🖪]-	
Adresse 🛅 C:\vsm3	Studio\Mapping			
Geändert am	Name 🔺	Größe	Тур	Attribute
2010-02-02 13:30	СВС		Dateiordner	116
2010-12-15 15:15	🛅 old ini		Dateiordner	
2011-03-14 08:19	📑 Lawo-Nova73.ini	192 KB	Konfigurationseinst	А
	Folder Ma	apping		

If a Lawo Nova 73 router is used, the folder *Mapping* saves an .ini file with the corresponding interfaces.



Please note: This file should always be read-only.

3.5 Folder Resources

								x
• ال ال	Computer 🕨 OS (C:)	▶ vsmStudio ▶	Resources	•	👻 🍫 Search R	'esources		Q
Organize 🔻	Include in library 👻	Share with 🔻	Burn	New folder			• ==	0
☆ Favorites	Name	^		Date modified	Туре	Size		
📃 Desktop	🌽 Pictu	res		08.11.2010 18:41	File folder			
〕 Download	ls 🛛 🍶 vsmF	anel		28.01.2011 16:08	File folder			
			Folde	er Resources				

The folder Resources contains two sub folders: Pictures and vsmPanel.

3.5.1 Subfolder Pictures

The folder *Pictures* allows the saving of different backgrounds for different panel IDs. If it contains the file *background.default.bmp*, this picture is used as background for the panel editor.

3.5.2 Subfolder vsmPanel

The folder *vsmPanel* contains pictures that are assigned to buttons in the panel editor. These are saved automatically.

3.6 Folder Storage

🖉 🚽 🚺 🕨 Compu	iter 🕨 OS (C:) 🕨 vsmStudio 🕨 Storage 🕨		👻 🍫 Search S	torage		Q
Organize 🔻 🛛 Include	in library 🕶 Share with 🕶 Burn New fo	older		1	≣ ▼	•
🔆 Favorites	Name	Date modified	Туре	Size		
E Desktop	{0D77AB80-DBE7-4F8E-8C67-98AA5E637	25.01.2011 15:31	File folder			
📕 Downloads	{2A223296-A0D0-4455-91E5-5E7F6467B74	25.01.2011 14:59	File folder			
📃 Recent Places	{2D32515E-1163-4857-A57C-A21890A4F1	25.01.2011 14:45	File folder			
	{5D4084F7-3B58-4E72-90D5-3D7A825DF1	03.12.2010 16:59	File folder			
词 Libraries	{7C588F49-EF00-45A7-B6FF-E403A343CE	20.01.2011 09:34	File folder			
Documents	4062F51D3-19A6-4B80-BD2D-2B2757972E	28.01.2011 16:10	File folder			
J Music	{267CBD67-A2A3-48DA-AC30-5128E22B5	25.01.2011 14:31	File folder			
E Pictures	🎉 {1692B468-D8F6-4731-8E4D-66DDE09156	24.01.2011 16:15	File folder			
Videos	{86594F71-827F-494C-A02A-E46A5C90E0	16.03.2011 17:26	File folder			
	퉬 {279188B4-5341-419B-8414-4A65FBF0886	28.04.2011 17:33	File folder			
Computer	{952975AF-D36D-42E9-88DD-C6E2B1DDC	25.01.2011 15:01	File folder			
🏭 OS (C:)	497648240-F768-4A4B-898A-6E01038D2C	15.04.2011 15:55	File folder			
🖵 Pool (P:)	{E70914BF-AF8F-4100-9B6F-419CC2A46C	14.12.2010 10:38	File folder			
🖵 Transfer (T:)	Device.State.{7ADCA98D-77D0-4977-881	28.04.2011 17:33	DAT File		46 KB	

Folder Storage

For every configuration, the folder *Storage* contains different .dat files with configurationspecific information. In these files, each label change and change of storage groups is assigned a time stamp and subsequently saved. The time stamp is not applied to all labels and storage groups, but only to those that were changed. The following .dat files are saved here:

- Labels.dat. transfer of labels to other servers with time stamp and changes
- ScheduledEvents.dat: events for the transfer to other servers set up in the scheduler
- SignalLocks.dat: locked signals to be transferred to other servers
- StorageGroups.dat. contents of storage groups to be transferred to other servers
- VirtualStates.dat: crosspoints information of virtual signals (see chapter 5.4 Virtual Signals)
- Tombstones.dat. administrative file that saves changes and synchronizes the server (for a maximum of 90 days)
- DeviceState.dat: crosspoint information of the VSM Dummy X-Switches (see chapter 8.1.7 VSM Dummy X-Switch).

3.7 vsmStudio Files

In addition, the folder contains the vsmStudio files made available for the installation and updating of the software (see chapter 2.1.2 Demo Software Installation) as well as a *vsmStudio.DAT* to save user rights.

4 Software Update

4.1 Software Backup

Please note: It is recommended to complete a backup of the running version before starting a software update. This ensures the availability of the current version should the software update fail.

The critical files that need to be saved to return to the currently running version of vsmStudio are located in the folder vsmStudio on the C drive.

Computer	OS (C:) vsmStudio	▼ 49	Search vsmStudio	
Organize 👻 😝 Open	Include in library Share with Burn	New folder		III • 🔳
🔶 Favorites	Name	Date modified	Туре	Size
E Desktop	J Configurations	08.11.2010 18:41	File folder	
🚺 Downloads 🛛 🦳	Je Firmware	08.11.2010 18:41	File folder	
Pacent Places	👃 LogFiles	29.04.2011 10:54	File folder	
	🕌 Mapping	08.11.2010 18:41	File folder	
🔰 Libraries	Resources	08.11.2010 18:41	File folder	
Documents	📕 Storage 💦	15.04.2011 15:54	File folder	
J Music	vsmStudio - Change Log and Version History.pdf	16.03.2011 10:12	Adobe Acrobat D	867 KB
Pictures	vsmStudio.DAT	29.04.2011 11:25	DAT File	1 KB
🛃 Videos	# vsmStudio.exe	16.03.2011 09:06	Application	7.723 KB
	vsmStudio.pdb	16.03.2011 09:06	PDB File	13.185 KB
📜 Computer	ysmStudio-B1317-Internal-Release.zip	03.09.2010 20:55	Compressed (zipp	6.703 KB

vsmStudio backup

To create a backup of the current version and configuration of vsmStudio, copy the following files and folders onto the backup drive:

- The used configurations from the folder *Configurations* (.bak- and .vmcc-files do not need to be stored but should be deleted from time to time due to the fact that they are created on a regular basis)
- the folder Firmware
- the folder Storage
- the file vsmStudio.DAT
- the file vsmStudio.pbd
- the file vsmStudio.exe and
- if available the original .zip-file.

If devices from the manufacturer Lawo are used, the *Lawo-Nova73.ini* file from the folder *Mapping* must also be copied.

FromtheRegistryEditor(RegeditatHKEY_LOCAL_MACHINE\SOFTWARE\VirtualStudioManager\vsmStudio)the following filesare to be copied:

- Connections
- Ports and
- Registered Devices.



All files should be copied to a folder at the backup partition and named with the date of the day. Finally the vsmStudio software has to be closed before completing the update.

4.2 Software Update

L-S-B provides download links for the software update of vsmStudio. The .zip file received via e-mail must be opened by clicking on the download link and saved in the vsmStudio folder on the C drive.

						x
🔾 🕞 🗸 🕨 Computer	→ OS (C:) → vsmStudio →	_	• 4 ₂	Search vsmStudio		
Organize ▼ Include in library ▼ Share with ▼ Burn New folder					8:: •	•
🔆 Favorites	Name	Date modified	Туре	Size		
E Desktop	Configurations	08.11.2010 18:41	File folder			
🚺 Downloads	🕌 Firmware	08.11.2010 18:41	File folder			
强 Recent Places	3 LogFiles	11.05.2011 10:01	File folder			
	🔒 Mapping	08.11.2010 18:41	File folder			
词 Libraries	3 Resources	08.11.2010 18:41	File folder			
Documents	3 Storage	11.05.2011 12:50	File folder			
a) Music	🔁 vsmStudio - Change Log and Version History.pdf	14.04.2011 15:40	Adobe Acrobat D	871 KB		
E Pictures	vsmStudio.DAT	11.05.2011 12:23	DAT File	1 KB		
Videos	# vsmStudio.exe	14.04.2011 14:59	Application	7.763 KB		
	vsmStudio.pdb	14.04.2011 14:59	PDB File	13.249 KB		
🖳 Computer] vsmStudio-B1317-Internal-Release.zip	03.09.2010 20:55	Compressed (zipp	6.703 KB		
🏭 OS (C:)	🔒 vsmStudio-B1339-Internal-Release.zip	26.10.2010 10:20	Compressed (zipp	6.795 KB		
Pool (P:)	vsmStudio-B1340-Internal-Release-53gloy0C.zip	19.11.2010 15:52	Compressed (zipp	6.798 KB		
🖵 Transfer (T:)	🔒 vsmStudio-B1341-Internal-Release.zip	24.11.2010 18:05	Compressed (zipp	6.911 KB		
🚽 bme (\\zeus\home\$	vsmStudio-B1342-Internal-Release.zip	26.11.2010 12:36	Compressed (zipp	6.913 KB		
	🌗 vsmStudio-B1350-Internal-Release.zip	10.12.2010 21:09	Compressed (zipp	6.917 KB		
🙀 Network	3 vsmStudio-B1379-Internal-Release.zip	16.03.2011 11:13	Compressed (zipp	7.105 KB		
NEDUSA	🕌 vsmStudio-B1393-Internal-Release.zip	14.04.2011 15:40	Compressed (zipp	7.079 KB	-	>

Saving of update file in vsmStudio folder on C drive

The update folder contains the following three vsmStudio files:

- vsmStudio.exe, the actual vsmStudio update file
- vsmStudio.pdb and
- vsmStudio Change Log and Version History.pdf.

💭 🛃 🕨 Computer 🕨 OS (C:) 🕨 vsmStudio 🕨 vsmStudio-B1393-Internal-Release.zip 🗾 👻 🍫						Search vsmStudio-B1393-Internal-ReL.				
Organize 🔻 Extract	all files					H • 🔳	0			
☆ Favorites	Name	Туре	Compressed size	Password	Size		Rati			
🧮 Desktop	📩 vsmStudio - Change Log and Versi	Adobe Acrobat Document	789 KB	No		871 KB	10%			
〕 Downloads	vsmStudio.exe	Application	2.422 KB	No		7.763 KB	69%			
Recent Places	vsmStudio.pdb	PDB File	3.867 KB	No		13.249 KB	71%			

vsmStudio Update folder

Select the Extract all option after right clicking on the .zip folder to extract the files.

S Downloads	Firmware			08.11.2010 18:41	File folder	
🔢 Recent Places	😹 LogFiles		11.05.2011 10:01	File folder		
	🍌 Mapping			08.11.2010 18:41	File folder	
🔰 Libraries	lesources			08.11.2010 18:41	File folder	
Documents	🍌 Storage			11,05.2011 12:50	File folder	
J Music	🔁 vsmStudio - Change	Log a	nd Version History.pdf	14.04.2011 15:40	Adobe Acrobat D	871 KB
E Pictures	vsmStudio.DAT			11.05.2011 12:23	DAT File	1 KB
Videos	# vsmStudio.exe			14.04.2011 14:59	Application	7.763 KB
	📄 vsmStudio.pdb			14.04.2011 14:59	PDB File	13.249 KB
🖳 Computer	🔒 vsmStudio-B1317-Int	ternal-	Release.zip	03.09.2010 20:55	Compressed (zipp	6.703 KB
🏭 OS (C:)	🔒 vsmStudio-B1339-Int	ternal-	Release.zip	26.10.2010 10:20	Compressed (zipp	6.795 KB
Pool (P:)	🔒 vsmStudio-B1340-Int	ternal-	Release-53gloy0C.zip	19.11.2010 15:52	Compressed (zipp	6.798 KB
🖵 Transfer (T:)	💧 vsmStudio-B1341-Int	ternal-	Release.zip	24.11.2010 18:05	Compressed (zipp	6.911 KB
🚽 bme (\\zeus\home\$	🔒 vsmStudio-B1342-Int	ternal-	Release.zip	26.11.2010 12:36	Compressed (zipp	6.913 KB
	🔒 vsmStudio-B1350-Int	ternal-	Release.zip	10.12.2010 21:09	Compressed (zipp	6.917 KB
Vetwork	🔒 vsmStudio-B1379-Inf	ternal-	Release.zip	16.03.2011 11:13	Compressed (zipp	7.105 KB
MEDUSA PHILOTES			Open Open in new window		compressed (app	
1 POSEDON		K	Extract All Scan for Viruses	_		
			Move to Quarantine			
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Extracting of the .zip file

The destination folder of the extracted files is again the vsmStudio folder on the C drive.

Select a Destination and Extract Files	
Files will be extracted to this folder: C:\vsmStudio	Browse
Show extracted files when complete	

Extracting the files to C:\vsmStudio

As older versions of the files already exist in the folder, the system will verify whether these files should be replaced. Confirm three times to update all three files.

When starting vsmStudio the next time, verify the success of the update by checking the startup screen or the build number above the info symbol.



vsmStudio startup screen

If available these updating steps should be repeated at the redundant server.