

How to update SMRT firmware using STVI or On-board display



Go to "www.us.megger.com" to download the latest firmware version.

Email us or Call 1-800-723-2861



2016 Webinar Series

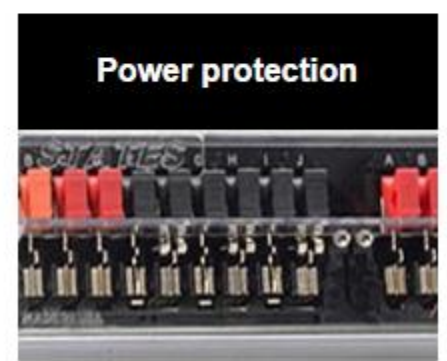
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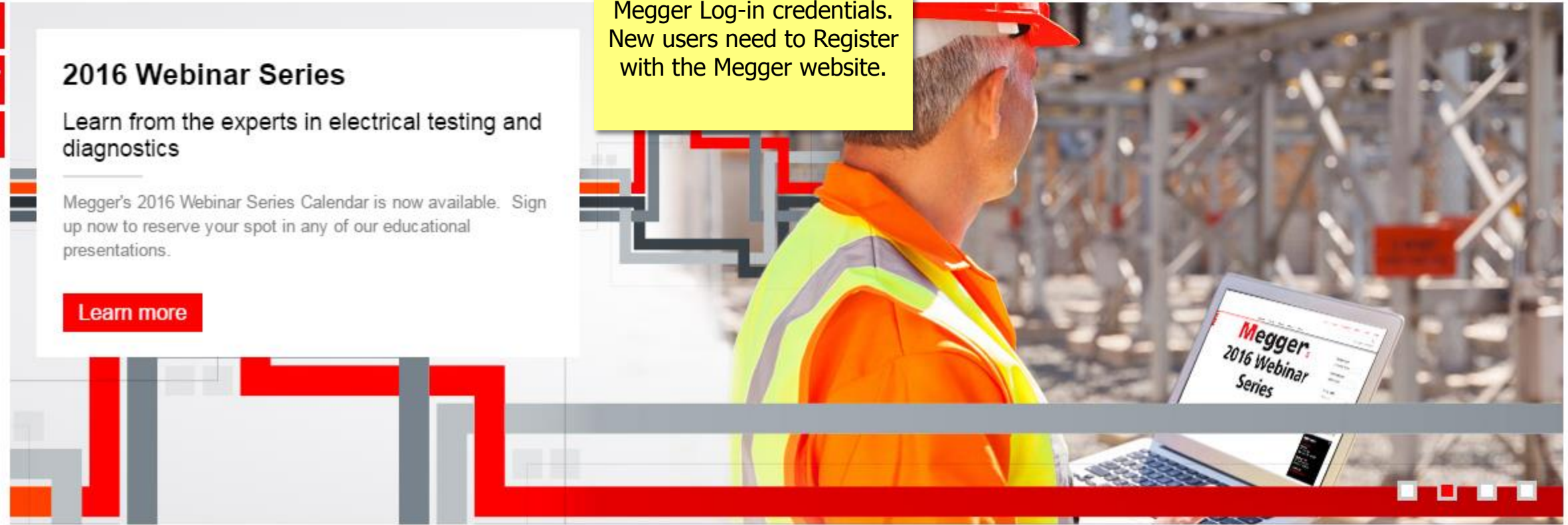
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Existing Users

User name *

Password

[Forgotten password?](#)



Login using your username and password.

About Megger

Megger designs and manufactures portable electrical test equipment. Megger products help you install, improve efficiency, reduce cost and extend the life of your or your customers' electrical assets.

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Email us or Call 1-800-723-2861

Home → My account

Welcome -

Once logged in, click on "Software downloads".

You're now logged into your Megger account and you'll be able to gain access to a host of additional resources and services including:

- Product registration
- Returns authorizations
- Service and support
- Software downloads
- Previous registrations

More resources and services will be added over the coming months so be sure to check back regularly for further enhancements.

My account

- Change password
- Manage profile
- Product registration
- Service/support request
- Previous registrations
- Software downloads
- Photo library

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Established in the late 1800s, the company has been designing and making test and measurement instruments that perform electrical measurements for preventative maintenance, troubleshooting...

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- PowerSuite Professional Subjects (4) ▶
- ProActiv Subjects (4) ▶
- RTMS Subject (1) ▶
- SLM8 Subject (1) ▶
- Smart Thump Subject (1) ▶
- SMRT Subject (1) ▼

 SMRT
Please enter your product serial number.

Scroll down, select SMRT and enter the serial number of your unit.

The serial number of the unit can be found on the label.



Email us or Call 1-800-723-2861

Home → My account → Software downloads → SMRT firmware

SMRT firmware

SMRT Subjects (3) ▶

Click anywhere on the SMRT label.

My account

- Change password
- Manage profile
- Product registration
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Log out

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and click on Open. You will be requested to select a unit from the IP Address screen. Select the unit by clicking on the serial number and the upgrade process will automatically start.

During the download process DO NOT leave the unit unattended. The download process only takes a few minutes. At the completion of the download, the user will note the LED's will be flashing rapidly on the SMRT unit, and you should hear the binary output contacts opening and closing with a clicking sound. There will be an instruction to reboot (turn off and back on) the test system. Note that after rebooting the SMRT unit, if using the PC version of the STVI software you will have to restart the STVI software on your PC in order to regain control of the SMRT unit.

 **SMRT Firmware**
November 6th 2015

 **SMRT PC Install**
463 MB
March 17 2016
Note: The downloaded file will be named "install_powerdb_XXX.zip"

Click on the download button.

 **SMRT Onboard Install**
316 MB
March 17 2016
Note: The downloaded file will be named "Onboard_Install_XXX.zip"

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Once the download is complete, save the compressed file in a known location. Then un-zip the file. Store them in a known location. Example: Desktop.

electrical test equipment. Megger products help you extend the life of your or your customers' electrical

Popular Links

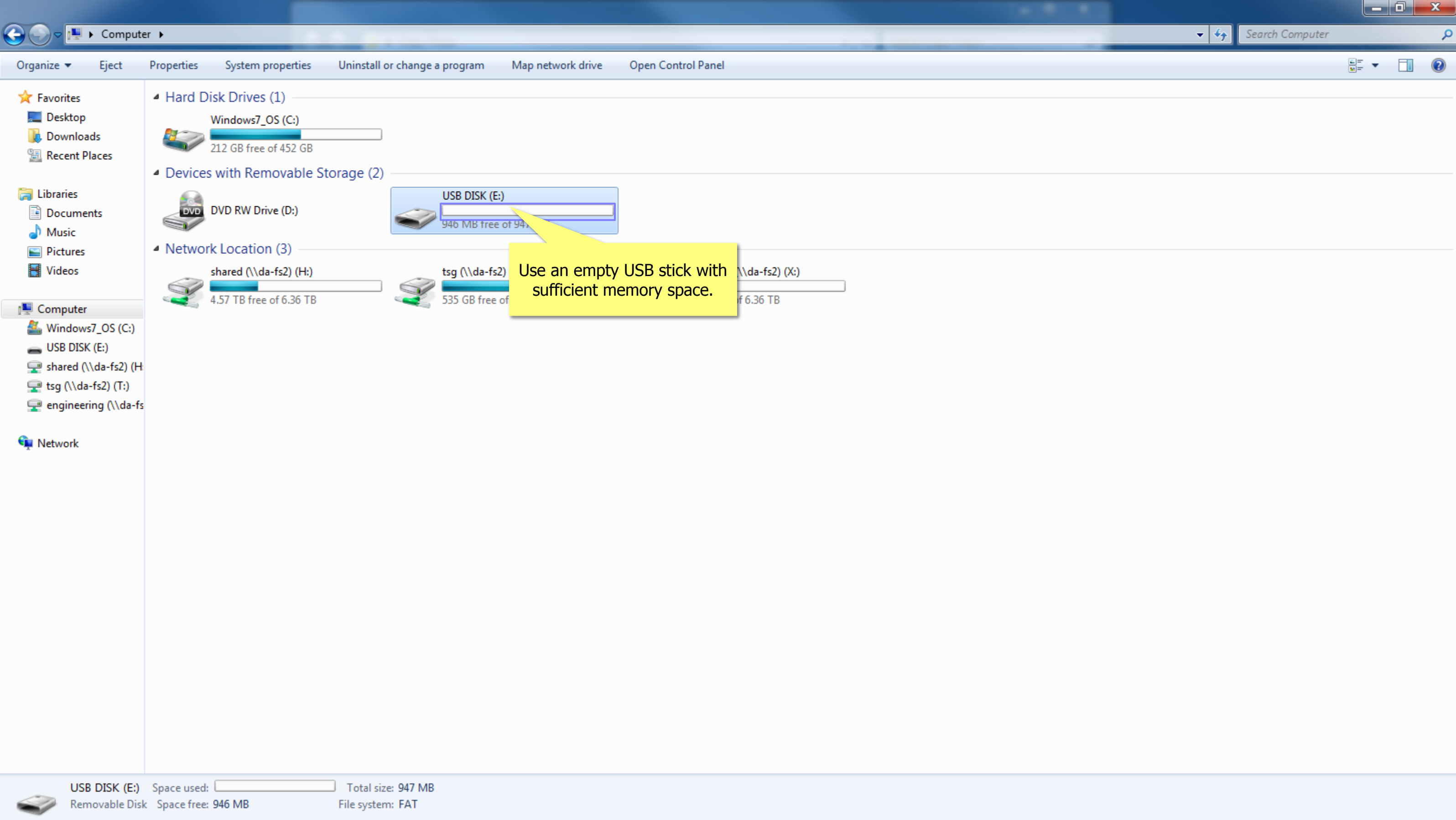
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 - Documents
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- Computer
 - Windows7_OS (C:)
 - USB DISK (E:)
 - shared (\\da-fs2) (H:)
 - tsg (\\da-fs2) (T:)
 - engineering (\\da-fs2) (X:)
- Network

Hard Disk Drives (1)

Windows7_OS (C:) 212 GB free of 452 GB

Devices with Removable Storage (2)

DVD RW Drive (D:)

USB DISK (E:) 946 MB free of 947 MB

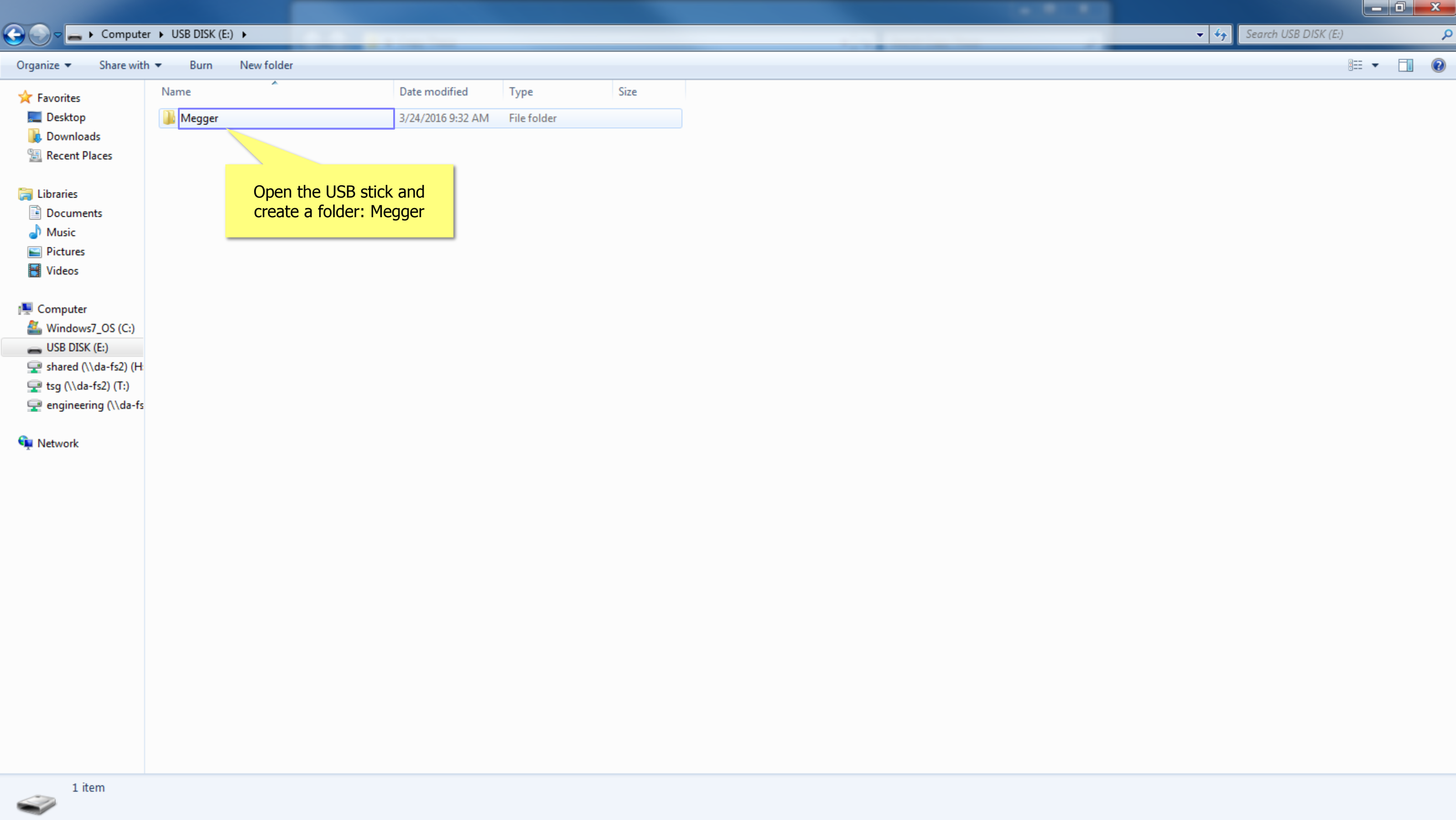
Network Location (3)

shared (\\da-fs2) (H:) 4.57 TB free of 6.36 TB

tsg (\\da-fs2) (T:) 535 GB free of 6.36 TB

engineering (\\da-fs2) (X:) 6.36 TB free of 6.36 TB

Use an empty USB stick with sufficient memory space.



Computer > USB DISK (E:)

Search USB DISK (E:)

Organize Share with Burn New folder

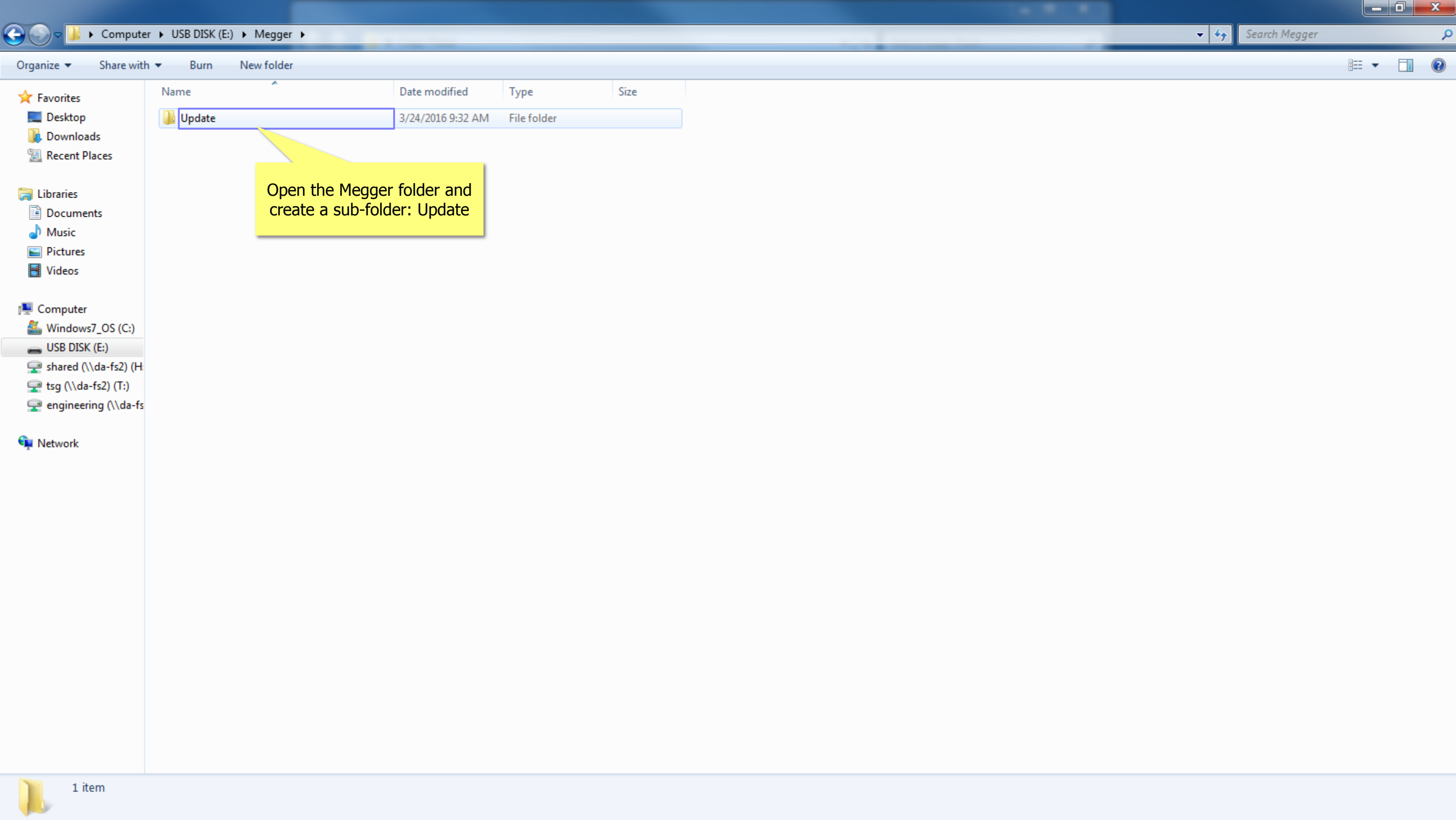
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 - tsg (\\da-fs2) (T:)
 - engineering (\\da-fs2) (U:)
- Network

Name	Date modified	Type	Size
Megger	3/24/2016 9:32 AM	File folder	

Open the USB stick and create a folder: Megger



1 item



Computer > USB DISK (E:) > Megger

Search Megger

Organize Share with Burn New folder

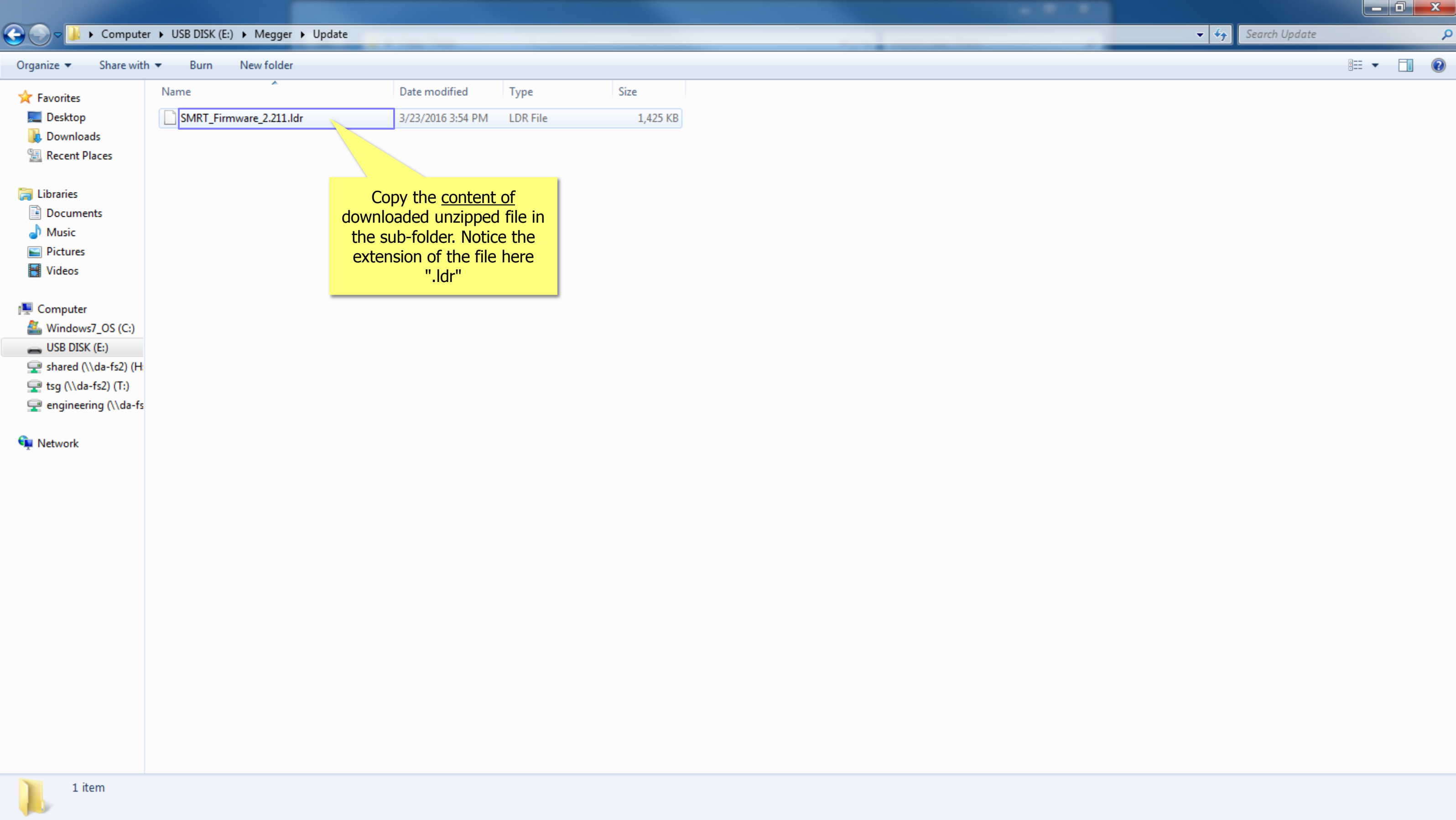
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 - shared (\\da-fs2) (H:)
 - tsg (\\da-fs2) (T:)
 - engineering (\\da-fs2) (U:)
- Network

Name	Date modified	Type	Size
Update	3/24/2016 9:32 AM	File folder	

Open the Megger folder and create a sub-folder: Update



1 item



- ★ Favorites
 - Desktop
 - Downloads
 - Recent Places
- Libraries
 - Documents
 - Music
 - Pictures
 - Videos
- Computer
 - Windows7_OS (C:)
 - USB DISK (E:)
 - shared (\\da-fs2) (H:)
 - tsg (\\da-fs2) (T:)
 - engineering (\\da-fs2) (U:)
- Network

Name	Date modified	Type	Size
SMRT_Firmware_2.211.ldr	3/23/2016 3:54 PM	LDR File	1,425 KB

Copy the content of downloaded unzipped file in the sub-folder. Notice the extension of the file here ".ldr"

FILE HOME TOOLS HELP

New Open Save Print Copy Paste Cut Import... Export... Select Instrument Setup Initialize Simulation Mode Simulate Contact Abort Test

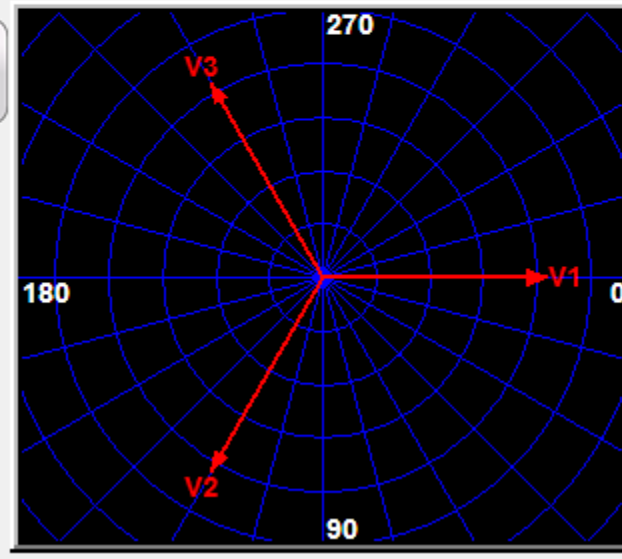
Binary Inputs

1 2 3

From the STVI home screen, click on 'configuration' button.

Prefault Fault

Trip Time: S



	CURRENT				VOLTAGE				
		I (A)	\emptyset ($^{\circ}$)	f (Hz)		V (V)	\emptyset ($^{\circ}$)	f (Hz)	
I1	0.000	0.00	60.000	V1	69.00	0.00	60.000		
I2	0.000	120.00	60.000	V2	69.00	120.00	60.000		
I3	0.000	240.00	60.000	V3	69.00	240.00	60.000		

FILE HOME TOOLS HELP

New Open Save Print Copy Paste Import... Export... Cut

File Edit

Binary Inputs

1 2 3

Prefault Fault

Operation Modes

- 4 voltages - 3 currents @ 60 amps
- 4 voltages - 2 current @ 120/60 amps
- 4 voltages - 1 current @ 180 amps

Display Connections As Text: (Disabled)

Default Settings Options Update Firmware

Display Auto Frequency

IEC61850 NOT ENABLED

Click on 'Update Firmware'.

Power Icon	Channel	Value	Unit
Power Icon	I1	0.000	A
Power Icon	I2	0.000	A
Power Icon	I3	0.000	A

Advanced Mode Select Simulated Unit Rogowski (disabled) Fault Labels ABC Language (American English) Deviation Alarm (enabled) ✓

Battery: 24 48 125 250 Last V As Battery (disabled) 48

Primary Ratios (disabled) Color Options Change State Immediately Symmetrical Comp. (disabled)

Phase Angles: Counter Clockwise Rotation 0-360 Lag Min. Fan Speed: 0 % Max Amplitudes (Per Channel): Current: Disabled Voltage: Disabled

Header: Asset Owner Ethernet: DHCP Force DHCP

✓

The STVI or the On-board display will pop-up a message asking to choose between "SMRT Firmware", "STVI Firmware", and "Both".
Choose "SMRT Firmware".

Follow the instructions provided on the label at the top of the screen.

Once the update procedure is completed, the LEDs of binary output starts flashing and clicking. Reboot the unit by turning the main switch OFF and then ON again.

SMRT Firmware Update process using STVI or On-board display is complete.