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Upgrade Studio 1.7 Readme
February 2020
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Contents
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1. New features
2. Upgrade Studio
3. Discrepancies
4. Technical support
5. Information on Trex applications

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1. New features
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Upgrade Studio 1.7 adds support for the following:

- File transfer capability formerly in the Trex File Transfer Utility has now been incorporated into the Upgrade Studio application
- The ability to download a PDF file to the Trex unit for viewing on the Trex has been added to Upgrade Studio.
- The Trex Remote Viewer application is now installed with Upgrade Studio.

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2. Upgrade Studio
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Install the latest version of Upgrade Studio (1.7) before connecting a Trex unit.

Installation requirements

Windows 10 Professional or greater editions
Windows 10 IoT, Enterprise or greater editions
Windows Server 2012 R2 Standard or greater editions
Windows Server 2016 Standard or greater editions

- Only 64-bit versions of the operating systems are supported
- 512 MB of free disk space
- A Windows user account with Administrator privileges

Upgrade Studio can be co-deployed with AMS Device Manager 13.5, 14.0, and 14.1.1 as long as those versions have been updated to the latest hot fixes.
If you want to upgrade a co-deployed AMS Device Manager 13.5 or 14.0 and Upgrade Studio 1.7 system to AMS Device Manager 14.1.1, contact Technical Support.
You must restart your PC after installing Upgrade Studio on an AMS Device Manager station.

Using Upgrade Studio

When you use Upgrade Studio, ensure a USB port is available on the PC for transferring and installing updates onto the Trex unit.
Also, an internet connection is required to download updates.
However, you can use Upgrade Studio without an internet connection. See the Help within Upgrade Studio (More > Help) for more information.
When downloading AMS Trex components, always download and install all OS components available.
When using Upgrade Studio 1.7 on an AMS Device Manager 13.5, 14.0, or 14.1.1 station, make sure to install all updates for Trex units.
AMS Trex communicates with wireless networks at port 8009. If your network uses this port or restricts access to it, AMS Trex may not be able to communicate with the network. To change port settings on the AMS Trex unit, enter the port number on Settings > Platform Communications. Emerson recommends setting all AMS Trex units to exchange data on that
port.

In AMS Device Manager, all AMS Device Manager stations that synchronize with AMS Trex units must also have the same port number. To change the port settings:

1. Open PlatformCommunications.PC.exe.config on Notepad from the either of the following locations:

   - Windows 64-bit: C:\Program Files (x86)\Emerson Process
     Management\PlatformCommunications

   - Windows 32-bit: C:\Program Files\Emerson Process
     Management\PlatformCommunications

2. Change the port number for the value field:
   <add key="0005D4DF-695D-0777-BD0D967C4D8B6976\Platform\ExchangePort"
   value="8009"/>

3. Restart the PC.

Configuration Management Application

When you install Upgrade Studio, the Configuration Management Application is also installed. This application lets you transfer HART configurations to and from Trex units, and manage and print those configurations.

Trex File Transfer Utility

When you install Upgrade Studio, the Trex File Transfer Utility is also installed. This utility lets you transfer datasets from the ValveLink Mobile application, log files from the Fieldbus Diagnostics application, and historical data from the Radar Master application from the Trex unit to a PC.

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3. Discrepancies

W 20880   Upgrade Studio cannot run if you are logged in to the PC with a
           Windows guest user account. When you try to open Upgrade Studio,
           error messages appear and indicate Platform Communications
           stopped working.
           Workaround: Log in to the PC using a different (non-guest)
           Windows user account.

W 23288   Upgrade Studio displays a "Status Unknown" message when
           connecting a Trex unit that is paired to another AMS Device
           Manager system.
           Workaround: Ensure when installing updates that Upgrade Studio
           exists on the PC with AMS Device Manager, and that the connected
           Trex unit is paired to that AMS Device Manager system.

W 23315   Saving configuration for some device models may take several
           minutes due to the complexity of the device description and
           large number of device parameters.

W 23985   When updating Upgrade Studio (More > Update Upgrade Studio),
           if the user cancels the update, some components are uninstalled,
           leading to the previous version being unusable.
           Workaround: Do not cancel the update once it starts.

W 23993   Configurations saved on a Trex unit cannot be transferred using
           Configuration Management, to an older Trex unit.
           Workaround: Ensure all your Trex units are updated
           (Get Updates and Install Updates in Upgrade Studio) before
           transferring configurations to them.

W 24641   Trex PDF viewer only supports non-interactive PDFs at PDF version
           1.7.

W 24025   When the Trex unit wakes from a suspend state, the USB icon is
           not immediately displayed.
           Workaround: Wait for the icon to appear after 5 seconds.

W 25731   AMS Device Manager 14.0 cannot be installed on a PC that
           previously had AMS Device Manager 13.5 and Upgrade Studio
           installed.
           Workaround: Use the AMS Trex PC Cleanup Tool before installing
           AMS Device Manager 14.0. Contact Technical Support to get a copy
           of this tool.

  27214   AMS AutoSync is not supported when the PC name and/or username is
           not in ISO-LATIN-1 characters.

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4. Technical Support

For Technical Support, contact the Emerson Global Service Center or send an email to "ap-sms@emerson.com". Additional Technical Support information can be found on the AMS Trex Device Communicator website.

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5. Information on Trex applications

For information on Trex applications, see www.emerson.com/Trex.