

# DTM Library FLEX I/O and FLEX Ex

DTM Version 1.1.13.28

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### About This Publication

These release notes tell you what is required in hardware to support DTM software, and how to install DTM software for the 1794 FLEX I/O family and the 1797 FLEX Ex I/O family.

### About the DTM Library

The Rockwell Automation DTM Library FLEX family is a group of Data Type Managers (DTMs) for use with 1794 FLEX I/O and 1797 FLEX Ex HART I/O modules. The library contains the following DTMs:

- FlexRail
- 1797-IE8H/A
- 1797-IE8H/B
- 1797-OE8H/A

- 1797-OE8H/B
- 1794-IE8H/A
- 1794-IE8H/B
- 1794-OE8H/A
- 1794-OE8H/B
- 1794-IF8IH/A
- 1794-IF8IHNFXT/A
- 1794-OF8IH/A
- 1794-APBDPV1/A

NOTE: FlexRail DTM includes the EtherNet/IP or ControlNet adapter.

The DTMs allow Field Device Tools (FDT), such as FactoryTalk AssetCentre Process Device Configuration from Rockwell Automation or other third party applications such as Endress+Hausser FieldCare to communicate with Highway Addressable Remote Transducer (HART) devices.

### **System Requirements**

You must have the proper operating system, hard disk space, and computer system resources to run the DTMs. The following are the minimum system requirements.

#### *Operating system*

- Windows 7, US and European versions.
- Windows XP with service pack 3, US and European versions.
- Microsoft .NET Framework Version 1.1, 2.0, or 3.5 must be installed on the system.
- RSLinx Lite 2.59.01 CPR 9 or higher must be installed on the system.

#### *Hard disk space*

- Approximately 25 MBytes hard disk space required during installation.
- Approximately 20 MBytes hard disk space required during operation.

### *System resources*

CPU of the computer: x86 32-bit processor, 1 GHz or equivalent

Working memory (RAM): 1 GByte or higher

Screen resolution: 1024 x 768 or greater

### **Before installing the software**

Uninstall all previous versions of the Rockwell Automation DTM Library FLEX family.

### **Install the Software**

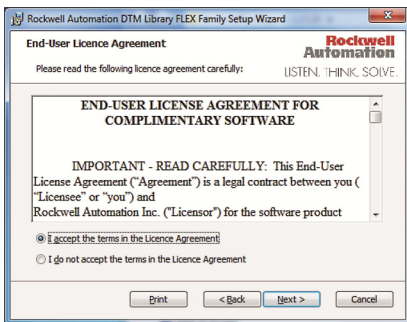
Complete the following tasks to install the Rockwell Automation DTM Library FLEX family.

1. Extract the installation package to your local disk. The following structure and files will appear:
  - 0009\_1.mst
  - Disk1.cab
  - Disk2.cab
  - Disk3.cab
  - Disk4.cab
  - Disk5.cab
  - Disk6.cab
  - Disk7.cab
  - Setup.exe
  - Setup.msi

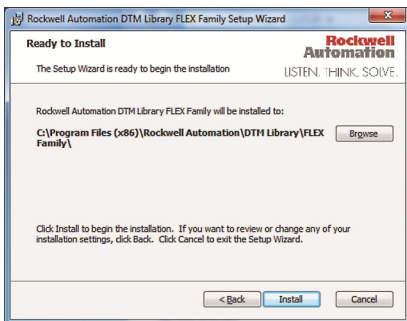
2. Double-click Setup.exe to execute the setup wizard.  
The setup wizard opens:



3. Click Next to continue the installation.
4. Read and accept the terms of the End User License Agreement in order to continue the installation.

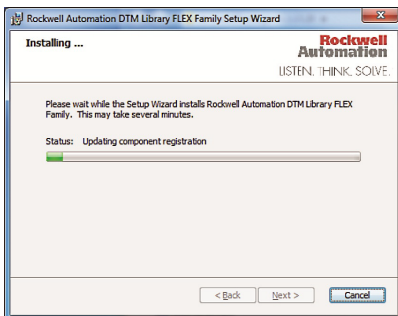


5. The Ready to Install dialog displays the installation directory.



6. Click Install.

The following dialog displays the installation process.



7. If installation is successful, the following screen displays.



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**IMPORTANT**

Many FDT Frame applications, including FactoryTalk AssetCentre Process Device Configuration from Rockwell Automation, require the DTM Library to be updated after the installation of new DTMs. Please consult documentation of your FDT Frame application to determine if this step is necessary and the appropriate method to update the catalog.

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## Software Change History

### Change History for Rockwell Automation DTM Library FLEX family

Revision	Description
1.1.13.28	<ul style="list-style-type: none"> <li>Added 1794-IF8IHNFXT/A DTM.</li> </ul>
1.0.11.20	<p>Fixed the following problems:</p> <ul style="list-style-type: none"> <li>Performance issue with RSLinx.</li> <li>FDM frame from Honeywell unable to establish a communication to Rockwell Automation hardware if attribute values in FDT document "ConnectReponse" for the DTM are empty.</li> <li>Scan response requests Bit7 and Bit6 of Manufacturer ID.</li> <li>Unable to read online device information for 1794-APBDPV1/A.</li> </ul>
1.0.10.20	<p>Fixed problem that a HART reply, split up into more than one packet is not reassembled in the 1794-IF8H and 1794-OF8H DTMs.</p> <p>Updated for HART 6 compatibility.</p>
1.0.9.19	<p>Fixed problem that "Create network" works only once per instantiation with 1794-IF8IH and 1794-OF8IH DTMs.</p> <p>Updated the 179x-IE8H, and 179x-OE8H module DTMs to version 19.</p>
1.0.8.18	<p>Fixed problem when re-connecting after disconnect with HART Device DTM was not possible at 1794-IF8H and 1794-OF8H Module DTMs.</p> <p>Updated the 179x-IE8H and 179x-OE8H module DTMs to version 18.</p>
1.0.7.17	<ul style="list-style-type: none"> <li>Added support for .NET Framework 2.0.</li> <li>Added USB driver support.</li> <li>Added 1794-IE8H/B, 1794-OE8H/B, 1797-IE8H/B, 1797-OE8H/B, 1794-IF8IH/A, 1794-OF8IH/A and 1794-APBDPV1/A DTMs.</li> <li>Replaced RSLinx, ControlNet and EtherNet/IP Adapter DTMs with FlexRail DTM.</li> <li>Added RSWho function to set CIP Path.</li> <li>Added FMDT Group Certification.</li> </ul>
0.1.0.19	Initial release.

## Additional Resources

If you would like a manual, you can:

- download a free electronic version from the internet:  
<http://www.rockwellautomation.com/literature>
- purchase a printed manual by contacting your local Rockwell Automation distributor or sales representative.

Tech Notes and other resources are available at the Technical Support Knowledgebase, <http://www.rockwellautomation.com/knowledgebase>.

[www.rockwellautomation.com](http://www.rockwellautomation.com)

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