

Rockwell Automation Foundation Fieldbus DTM Library Software

Version 1.0

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About the DTM Library

The Rockwell Automation Foundation Fieldbus Device Type Manager (DTM) library for the 1757 family is used with a ControlLogix system connecting the 1757-FFLDC Foundation Fieldbus Linking Device with Foundation Fieldbus instrumentation.

The Device Type Managers let a field device tool, such as such as Endress+Hauser FieldCare or FactoryTalk AssetCentre software, communicate with Foundation Fieldbus devices through the Logix architecture, such as the RSLinx network and 1757-FFLDC Foundation Fieldbus linking device.

Known Limitations

The 1757-FFLDC DTM can actively work with up to 20 1757-FFLDC linking devices within an Asset Management package.

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Required System Components

The following section describes system and software required to install the DTM library.

Operating System

Use one of these operating systems to run the DTM library software:

- Windows NT 4.0 with service pack 6
- Windows 2000 with service pack 3
- Windows XP with service pack 1 or 2
- Microsoft.NET Framework Version 1.1 must be installed on the system

FDT Frame Applications

Use Device Type Managers in FDT frame applications, such as Rockwell Automation FactoryTalk AssetCentre or Endress+Hauser FieldCare software.

RSLinx Classic Software Required

Use RSLinx Classic software activated to OEM, Gateway, or Professional level.

Hard Disk Requirements

Installation requires approximately 30 MB of hard disk space and 10 MB during operation.

Other System Resources

Refer to your asset management package for system requirements.

Install DTM Library Software

To install the DTM library software, complete the following tasks:

- Extract the Installation Files
- Use the Setup Wizard to Install the Software

Extract the Installation Files

Extract the installation package to your local disk. The following structure and files should be extracted:

- 0007_1.mst
- 0009_1.mst
- Disk1.cab
- Disk2.cab
- Disk3.cab
- Disk4.cab
- Disk5.cab
- Disk6.cab
- instmsi.exe
- InstMsi.exe
- Setup.exe
- Setup.msi
- VBRuntime.msi

Use the Setup Wizard to Install the Software

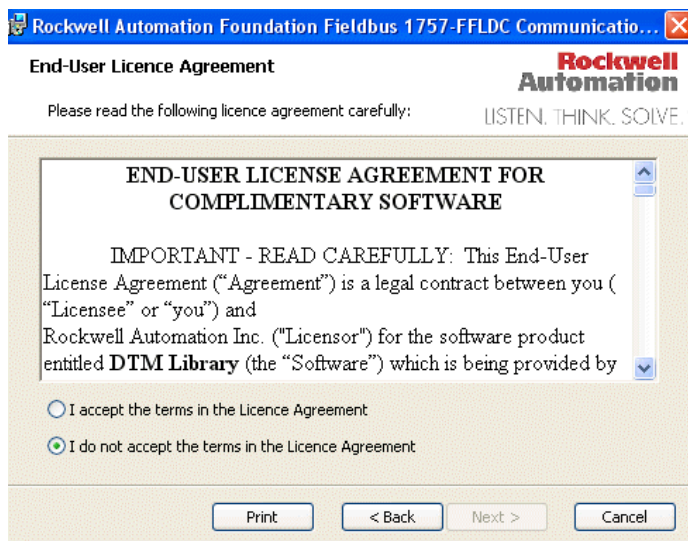
Complete the following steps to install the DTM library software.

1. Double-click the Setup.exe file.

The setup wizard opens.



2. Click Next to continue the installation.
3. Accept the terms of the license agreement and click Next.



4. Enter your user name and organization, and click Next.

Rockwell Automation Foundation Fieldbus 1757-FFLDC Communicatio...

Customer Information **Rockwell Automation**
LISTEN. THINK. SOLVE.

Please enter your customer information

User Name:
Rockwell Automation

Organization:
Rockwell Automation

< Back Next > Cancel

5. Choose your setup type, noting that we recommend you click Complete, but you can click Custom to install parts of the software.

Rockwell Automation Foundation Fieldbus 1757-FFLDC Communicatio...

Choose Setup Type **Rockwell Automation**
LISTEN. THINK. SOLVE.

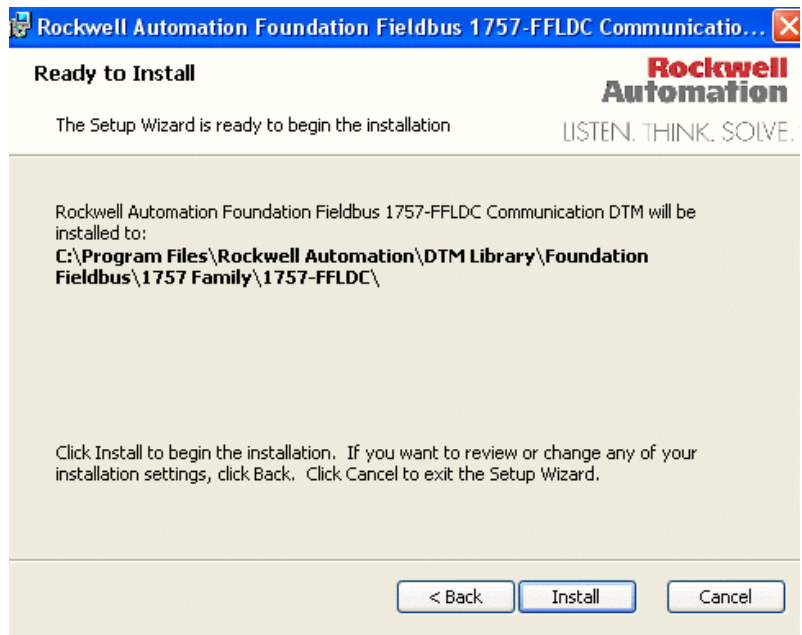
Choose the setup type that best suits your needs

Complete
All program features will be installed. (Requires most disk space)

Custom
Allows users to choose which program features will be installed and where they will be installed. Recommended for advanced users.

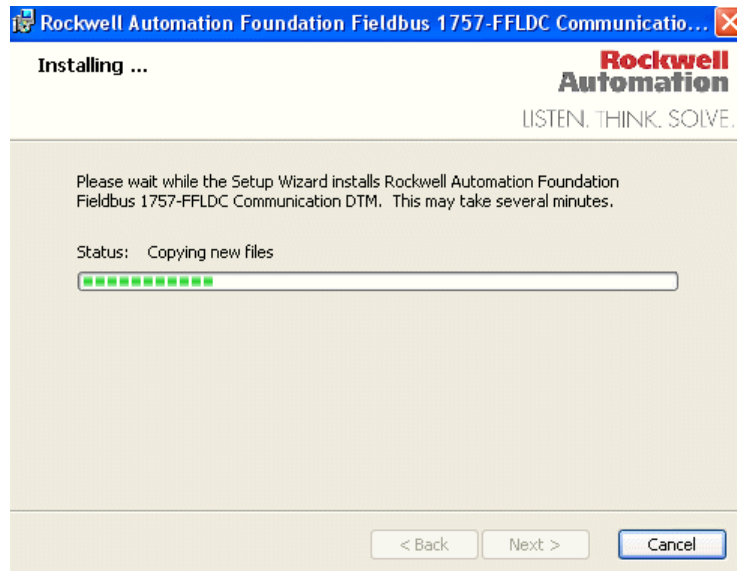
< Back Next > Cancel

The Ready to Install dialog box displays the installation directory.



6. Click Install.

The Installing Status dialog box opens, displays progress during installation, and automatically launches the Finish dialog box after a successful installation.



The Finish dialog box appears after a successful installation.



A Setup Interrupted or Failed dialog box appears if the installation was unsuccessful or you clicked Cancel from the Installing Status dialog box to interrupt installation.

Click Help for details on configuration.

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Update the DTM Catalog

After installing the DTM library, update the DTM catalog. For information on updating the DTM catalog, see the instructions for your asset management FDT-based software.

Additional Resources

These documents contain additional information concerning related Rockwell Automation products.

Resource	Description
Foundation Fieldbus Linking Device User Manual, publication 1757-UM011	Provides information needed to use the Foundation Fieldbus linking device. It also defines the Foundation Fieldbus function blocks and function block parameters that reside in the linking device and provides user information about the linking device's Web pages.
Foundation Fieldbus Linking Device Installation Instructions, publication 1757-IN002	Provides information about installing the Foundation Fieldbus linking device.
Foundation Fieldbus Linking Device Technical Data, publication 1757-TD004	Provides general information about the 1757 Foundation Fieldbus linking device and RSFieldbus software.
Product Certifications website, http://www.ab.com	Provides declarations of conformity, certificates, and other certification details.

You can view or download publications at <http://literature.rockwellautomation.com>. To order paper copies of technical documentation, contact your local Rockwell Automation distributor or sales representative.

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