

Spectrum Controls Modules DTM Library

The Spectrum Controls Modules DTM Library is delivered as a standalone Setup.
The following modules are supported:

- 1734sc-IE2CH
- 1734sc-IE4CH
- 1734sc-OE2CIH

This library requires FactoryTalk® Linx™ CommDTM and provides communication capability between HART devices and HART DTMs, so that asset management for HART devices is possible.

Supported frame applications

The Spectrum Controls 1734 Modules DTM Library supports the following FDT Frames:

- Endress+Hauser FieldCare 2.14

System requirements

System resources

Proper execution of the DTMs requires a standard PC with at least the following system resources:

- 1 gigahertz (GHz) or faster 32-bit (x86) or 64-bit (x64) processor with at least 2 cores
- 1 gigabyte (GB) RAM (32-bit) or 2 GB RAM (64-bit)
- Screen Resolution of at least 1024x768 pixels

Operating systems

The DTMs of the DTM library will run under the following operating systems:

- Windows 10

Hard disk space

The Spectrum Controls Modules DTM Library requires approximately 100 MB hard disk space.

Installation

Execute the installation package and follow the instructions of the setup wizard to complete the installation.

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Change history

Version 1.0.4

- Upgraded DTM platform (CoDIA) to version 1.4.76.8708
- Includes several bugfixes, and provides additional condition monitor support
- TP-18606 Channel Order: Channels of the DTM are now listed in number order.

Version 1.0.3

- Fix Communication loss - Critical error on reconnect
- Fix Scanning HART5/7 devices – Byte size
- Extend Busy (Response #20) handling
- Fix issue during close of FDT frame application (FieldCare) from online state
- Add Regular Expression for Hardware and Software Revision

Version 1.0.0

- Initial version

Third-Party Components

The Spectrum Control 1734 Family DTM contains the following third-party components:

Component	Copyright Information
Apache log4net 1.2.10	Copyright © 2004-2006 The Apache Software Foundation
Bootstrap 3.3.7	Copyright © 2011-2017 Twitter, Inc. Copyright © 2011-2017 The Bootstrap Authors
DotNetZip 1.9.1.8	Copyright © Dino Chiesa 2006-2011
jQuery 2.1.1	Copyright © 2005, 2014 jQuery Foundation, Inc. and other contributors
Mark.js 8.11.1	Copyright © 2014-2018 Julian Kühnel
OpenSans 1.0	Copyright © Project Contributors
SharpZipLib 0.84	Copyright © 2000-2005 SharpZipLib Contributors
ZLIB-NET 1.0.3	Copyright © 2006 ComponentAce
FDT-JIG FDT Interface Assembly 1.2.1.0	Copyright © 2005 FDT-JIG
DevExpress .NET 2005 6.3.9	Copyright © 2000-2006 Developer Express Inc.
locomp .Net WinForms 4.0.0	Copyright © 1998-2008 locomp Software Inc.
Sanford State Machine Toolkit 1.0.1.1	Copyright © 2007 Leslie Sanford
Microsoft Libraries (Visual Studio-Windows)	Copyright © Microsoft Corp.