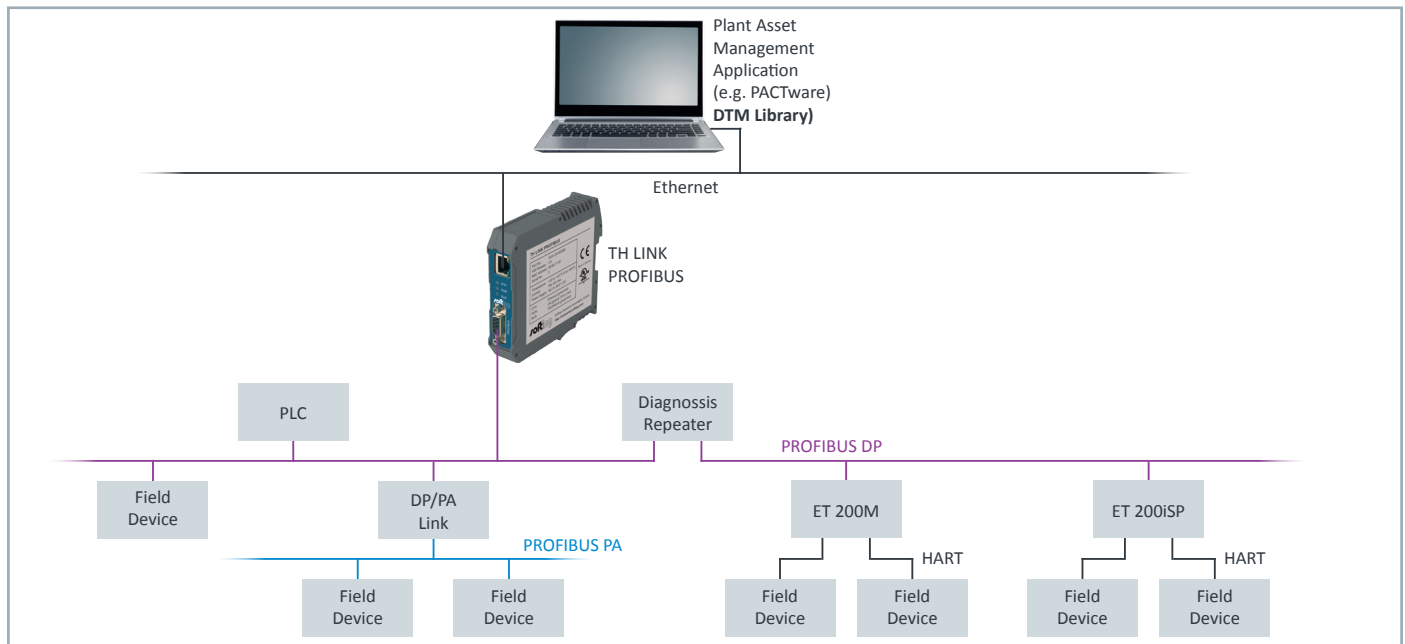


# DTM Library

## Extended Field Device Access for Plant Asset Management Applications (FDT/DTM)

DTM Library provides central access to PROFIBUS DP, PROFIBUS PA and HART field devices for plant asset management applications. The library also includes Communication Device Type Managers (CommDTMs) for the Siemens components DP/PA Link, ET 200M and ET 200iSP. Combined with TH LINK PROFIBUS, the solution can additionally be used to monitor the PROFIBUS network.



### Increased Efficiency Through Use of Plant Asset Management Applications

- Fast plant commissioning, fast replacement of defective devices
- Simple remote device parameterization
- Central management of all device parameters
- Comprehensive monitoring of process-critical devices
- Automatic creation of plant documentation

### Standardized FDT/DTM-Compliant Architecture

- Communication with field devices via PROFIBUS DP, PROFIBUS PA and HART
- CommDTMs for access to Siemens components DP/PA Link, ET 200M, ET 200iSP
- Flexible integration into most common plant asset management applications (such as Endress+Hauser FieldCare, Emerson AMS Suite, Yokogawa Fieldmate, PACTware)

### Additional Benefit From Integrated PROFIBUS Monitoring

- Use of TH LINK PROFIBUS for simultaneous PROFIBUS diagnostics
- Threshold monitoring for frame retries
- Statistics for optimization of the network configuration
- Easy detection of missing terminating resistors

### Flexible, Expandable Complete Solution

- Getting started with plant asset management, e.g. using PACTware, with possibility of later adding further asset management applications
- TH LINK PROFIBUS optionally expandable by TH SCOPE diagnostics software

## Technical Data

Supported Hardware	CommDTM PROFIBUS DP-V1 TH LINK PROFIBUS CommDTM DP/PA Link SIMATIC DP/PA Link CommDTM ET 200M SIMATIC ET 200M CommDTM ET 200iSP SIMATIC ET 200iSP
Functionality	<ul style="list-style-type: none"><li>Access to PROFIBUS PA and HART devices</li></ul> <p>Additionally for CommDTM PROFIBUS DP-V1:</p> <ul style="list-style-type: none"><li>Integrated bus parameter test ensuring reliable non-reactive parameterization</li><li>Automatic scan of the PROFIBUS network</li><li>Frame logging for analysis of acyclic communication between control and field devices</li></ul>
Recommended PROFIBUS Access	TH LINK PROFIBUS
Supported Plant Asset Management Applications	Field Device Tool (FDT) frame applications compliant with FDT Specification 1.2 with Addendum , e.g. Endress+Hauser FieldCare, Emerson AMS Suite, Yokogawa Fieldmate, PACTware
Supported Operating Systems	Windows 7 (English and German, 32 Bit and 64 Bit), Windows 8.1 (English and German, 32 Bit and 64 Bit), Windows Server 2012 R2
System Requirements	Adobe Reader 8.0 or higher for reading the documentation
Demo Version	Free use of DTM Library with full functionality for 30 days after installation
Licensing	Complete DTM Library or single CommDTMs If TH LINK PROFIBUS is used, the CommDTM PROFIBUS DP-V1 is free of charge. Automatic licensing by Endress+Hauser frame application Activation of the complete DTM Library provides parallel PROFIBUS access via multiple gateways or interface cards; activation of the PROFIBUS DP-V1 CommDTM supports PROFIBUS access via a single gateway or interface card.
Certifications	All CommDTMs of the DTM Library have been certified by an accredited test and certification laboratory of the FDT Group.

## Scope of Delivery

Software	DTM Library (by download) Comprising CommDTM PROFIBUS DP-V1, CommDTM Siemens DP/PA Link, CommDTM Siemens ET 200M, CommDTM Siemens ET 200iSP CommDTMs can be used individually
Dokumentation	Installation Guide, User Manuals for all CommDTMs, Release Note (by download)

## Order Numbers

LRA-NN-021980	DTM Library (complete package including all described CommDTMs)
LRA-NN-021990	CommDTM PROFIBUS DP-V1
LRA-NN-021991	CommDTM Siemens DP/PA Link
LRA-NN-021992	CommDTM Siemens ET 200M
LRA-NN-021993	CommDTM Siemens ET 200iSP

## Additional Products and Services

GEA-JN-003006	TH LINK PROFIBUS
VAA-YY-023000	PACTware

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