

## Features

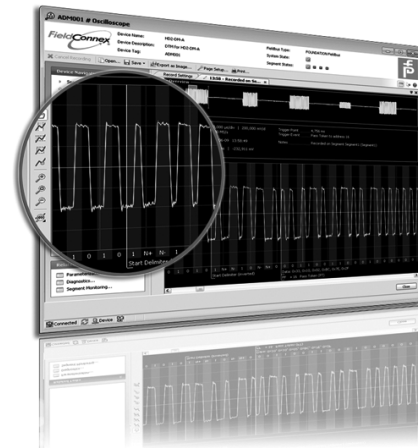
- Software user interface for Advanced Diagnostic Modules
- Access to mobile ADM via USB-port
- Embedded expert system gives pointed advice in clear text
- Includes Commissioning Wizard, data historian, oscilloscope...
- For FOUNDATION fieldbus H1 and PROFIBUS PA

## Function

The FieldConnex® Diagnostic Manager displays measurements of the DM-AM Advanced Diagnostic Module (ADM). It assists in commissioning and troubleshooting of segments. The display of realtime data is intuitive and fast.

An Expert System learns values and characteristics of each segment and translates them into concise descriptions of causes in clear text. Troubleshooting benefits further from the integrated oscilloscope. Fieldbus-specific triggers and up to 10 automatic recordings enable experts to pinpoint even obscure fieldbus behavior. Advanced Diagnostics enable excellent physical layer quality, faster commissioning and reduced effort for troubleshooting.

## Assembly



## Connection

<b>Software</b>	
Hardware requirements	PC with 1 GHz processor and at least 512 MByte RAM
Operating system	Windows 7, VISTA and XP, each with .NET framework 1.1 and <b>PACTware™</b> 3.6 /4.0
Languages	English
Licensing	New license: DTM-FC-ADM full functionality. One licence required per DM-AM Module Upgrade license: DTM-FC-ADM.UPG: upgrade of existing license DTM-FC-ADM
Expert System	Built-in expert system interprets behavior of each segment based on rules and gives pointed information in clear text. Precisely diagnosis causes and suggests remedies, which are easy to understand.
Physical Layer Diagnostics	Bulk power health, segment voltage, unbalance, noise, signal level, signal polarity, jitter
Commissioning Wizard	Generates reports on physical layer and communications data per device or segment. Automates repetitive tasks during commissioning.
Snapshot Explorer	User interface to review the history of Physical Layer Measurement Reports stored.
History Data Export	Export of long-term history data to Excel and the file formats comma-separated (CSV) or binary for graphic analysis and diagram creation
Integrated oscilloscope	Displays fieldbus signals in waveform giving greatest detail. To aid troubleshooting activities, even seldom occurring events can be captured using the oscilloscope's many selectable trigger functions.