RELEASE NOTES

ToolsTalk MT 7.18.0 release information **13 / 03 / 2020**

Introduction

This document contains information about the ToolsTalk MT software release 7.18.0

Release identification

ToolsTalk MT release 7.18.0

Limitations

SW requirements

- Windows access user rights must be set to Administrator account to be able to install the application and its dependencies.
- Supported OS:
  - Windows 7x32
  - Windows 7x64
  - Windows 8x32
  - Windows 8x64
  - Windows 10x32
  - Windows 10x64

HW requirements

- PC hardware is restricted by the Windows OS requirements. See Microsoft support for details
- Operating system - PC client requirements
  - 1 GHz or faster 32-bit (x86) or 64-bit (x64) processor
  - 1 GB RAM (32-bit) or 2 GB RAM (64-bit)
- PC client requirements
  - Disc space 100 MB

General information

This release package contains the following

ToolsTalk MT

- ToolsTalk MT 7.18.0.0 Setup.exe

Documentation

- Release Notes ToolsTalk MT.docx

Compatibility

- MT Focus 6000
- MT Focus 400
- MT G4
- ACTA MT4 (v.1.10 or higher)

RELEASE NOTES

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New functions and corrections in version

7.18.0

Function	Header	Description	Type	License Form	Manual ref.
Configuration	Added TRA and TH	Added support for TRA an TH transducers in Configurations	Improvement	IAM QA	
Identifier	Enable identifiers for IAM QA	IAM QA now supports Operator ID and must therefore have identifiers	New feature	IAM QA	
Station barcode	Updated station barcode	After feedback from selective sales, the station barcode has been updated. **Added parameters:** • Control limit • Minimum CMK • Operator ID flag • Tool calibration date **Removed parameters:** • Max pos deviation • Max neg deviation	Improvement	All	
Configuration	Added Bit selector	Added support for Bit selector MT BS4 MTF6000 Art.Nr.: 1280125909 (from ACE)	New feature	All Tightening	
Fieldbus diagnostic	Support for fieldbus diagnostics	IAM Automation now supports fieldbus diagnostics	New feature	IAM Automation	
Analysis	Torque trigger now works	Analysis->Settings Torque trigger does now work	Issue	IAM QA	

7.16.1 (Hotfix)

Function	Header	Description	Type	License Form	Manual ref.
Offline	Error when trying to load offline files	It was not possible to load an offline file into TTMT that was made with latest firmware 1.16.0	Issue	All tightening	NA

7.16.0

Function	Header	Description	Type	License Form	Manual ref.
Fieldbus protocol	Supports EtherCAT	It is now possible to setup the fieldbus with the EtherCAT protocol	New feature	IAM Automation	Configuration manual ToolsTalk MT
Connection	Connect via Ethernet	It is now possible to connect via Ethernet by double-clicking on the “Enter IP Address” in the connection tab	Improvement	All	NA
Download	Download fieldbus configurations	It is now possible to download the fieldbus protocols configuration files (such as ex GSD for Profinet) directly form the Fieldbus window	New feature	IAM Automation	Configuration manual ToolsTalk MT

GUI	Progress bars	All progress bars have gotten a new graphic interface	Improvement	All	NA
Loading	Decreased loading time	The loading time from file has been majorly decreased	Improvement	All	NA
GUI	Ref. vs tightening graph	All QA graphs are now tagged as QA inside the controller. If a graph is displayed in Analysis the QA graph is now marked as “QA-MeasID” in the legend on the right side.	Improvement	All	NA
GUI	Update runtime parameters live	All controller runtime parameters; such as system diagnostics, info and network, now update correctly	Issue	All	NA

7.14.1 (Field test)

Function	Header	Description	Type	License Form	Manual ref.
New license	Supports QA	ToolsTalk MT now supports IAM QA	New feature	IAM QA	
Station barcode	Generate station barcode	It is now possible to create a station barcode inside TTMT which the QA controller can scan to get information on the controller	New feature	All	
Results	Export meas. results	Can export measurement results directly from TTMT	New feature	IAM QA	
Configurations	Transducers	Can now add Transducers in configuration to setup the control limits	New feature	IAM QA	
Results	Updated GUI for drag and drop columns	Improved visability on drag column in the result list	Task	All	
GUI	Disable all non-usable radio buttons	Disable activate buttons when out of license	Task	All	

7.12.2

Function	Header	Description	Type	License Form	Manual ref.
MTCom	Sudden disconnect fix	The MTCom service did not always get shut down properly on some windows 10 PC’s if the USB cable suddenly disconnected	Issue	All	
Pset	999 Psets support	ToolsTalk MT can now handle 999 Psets both when connected to IAM Automation and when offline	New feature	Offline & IAM Automation	

7.12.0

Function	Header	Description	Type	License Form	Manual ref.

ACTA MT4	ToolsTalk ACTA MT	ToolsTalk ACTA MT has now been integrated into ToolsTalk MT. There is now only one ToolsTalk MT for all MicroTorque controllers	New feature	ACTA MT4	
Fieldbus	Fieldbus support	Added fieldbus support for IAM Automation (only Profinet)	New feature	IAM Automation	

7.10.1

Function	Header	Description	Type	License Form	Manual ref.
MTCom	Unable to connect via USB	Customers using the latest Windows 10 USB driver updates where not able to connect to TTMT via USB	Issue	All	N/A

7.10.0

Function	Header	Description	Type	License Form	Manual ref.
Configuration	Offline support	Configurations for tools are now available when running ToolsTalk MT offline to a virtual MTF6000 controller.	New feature	All	Configuration manual ToolsTalk MT
MTCom x32 & x64	Installation	With the latest ToolsTalk MT the MTCom protocol will be installed in both 64- and 32-bits	New feature	All	Configuration manual ToolsTalk MT
Screw pickup wizard	Setup wizard for screw pickup	A wizard has been added to help the user setup the proper limits for their screw pickup function. The guide can be found inside the Pset under the screw pickup tab. *The wizard will only work with the new Vacuum pump MT and with a controller of revision C and higher.* *All other controllers with a lower HW revision can still use the vacuum pump but they will not get the vacuum sensor value and can therefore not get the values needed for screw not aligned and screw aligned.*	New feature	All	Configuration manual ToolsTalk MT

Known limitations

VMWare – Virtual machines and Ethernet

Using a virtual machine with network settings set to NAT can cause connection issues to ToolsTalk MT via Ethernet. Workaround is to use the bridged connection instead of NAT.

(This issue happened on virtual machines for Windows 8x64 and Windows 10x64, other virtual machines should be able to use NAT)

MTCom – Incorrect drivers, must restart connections

Upon first installing MTCom on a clean computer will not install the correct drivers for ACTA MT4, MTF400 and G4 if the controllers are connected to the PC upon installation. Reconnecting the devices or restarting the computer will install the correct drivers.

Some QA Parameters does not work with 7.16.0 and fw 1.16.0

1. The controller parameters that does not work for the QA is:
    - Beep on OK
    - Beep on NOK
    - Beep on Verification Complete
    - Save graphs (right now only yes works)
        - No
        - Only on NOK

2. Analysis torque trigger does not work for QA on real time traces