



## MT Software Suite 4.6 – MTw release notes

<b>New version</b>	<b>MT Software Suite 4.6;</b> AW-A2 FW 4.0.1, AW-DNG2 FW 4.0.1, MTw2 FW 4.0.2
Previous version	MT Software Suite 4.5.7 AW-A2 FW 3.1.4, AW-DNG2 FW 3.1.4, MTw2 FW 3.1.4
Release date	July 13, 2016
Meaning of icons	+added, ^changed, !note, #fixed, -removed

### 1 Notes

Supported platform overview

Software platform	Notes on support
Windows XP	Last support in 4.2.1
Windows 7 32-bit	Officially supported
Windows 7 64-bit	Officially supported
Windows 8 64-bit	Tested, no official support
Windows 10 64-bit	Officially supported
Linux 32-bit	Tested, no official support
Linux 64-bit	Tested, no official support
Android ARMv7, Android 4.4.2 (API Level 19 and higher)	Available on request for limited devices, no official support

### 2 Major improvements and features

This release is aimed at supporting the MTw Awinda in the MT Software Suite

#### 2.1 Code Examples for MTw Awinda in MT SDK

- + [MTSDK-3237] C++ SDK Example for MTw Awinda has been fixed
- + [MTSDK-3522] 'Awinda Monitor' example now supports the MTw Awinda
- + [MTSDK-3553] Consistent behaviour of Awinda Monitor examples
- + [MTSDK-3542] Provide code examples for MTw2 in MT SDK
- + [MTSDK-3332] Matlab Example now supports multiple MTw's

#### 2.2 Installer

- + [MTSDK-3404] Support for Windows 10

### 3 Bug fixes

#### 3.1 MT Manager

# [MTSDK-3473] Device Data Viewer and XDA Data Viewer are now correctly shown in conjunction with other graphs.

# [MTSDK-3582] MT Manager no longer crashes when a graph is opened on second screen

# [MTSDK-3028] When opening an MTw recorded file in MT Manager, now the 3D Orientation View shows the correct initial orientation  
# [MTSDK-821] Awinda update rate and channel now look like dropdowns  
# [MTSDK-1122] FW and HW version information for Awinda station and Awinda dongle devices is now shown  
# [MTSDK-1124] The Synchronization Options dialog now also works for an Awinda system that is measuring  
# [MTSDK-2841] Sample time fine is now selectable during export  
# [MTSDK-3573] Sampletimefine export now outputs correct values  
# [MTSDK-3558] Output Configuration has been cleaned up for MTw2  
# [MTSDK-3586] ASCII exported is now compliant to the csv format; it has no delimiter at the end of each exported row anymore  
# [MTSDK-3443] Sync options for MTw2 have been removed in MT Manager  
# [MTSDK-2866] Text: Power off menu should reflect that it is only applicable to MTw  
# [MTSDK-3482] MTM now does show status information for MTw2/MTx2  
# [MTSDK-3497] MTM now does reset & reopen serial port when revert changes baudrate  
# [MTSDK-3545] Cancelling during exporting from MTM now does delete file  
[MTSDK-3600] Fixed an issue where Awinda 2 always had positive high values for the magnetometer signal

### **3.2 Software Development Kit (SDK)**

# [MTSDK-3517] Mtw2 packetcount is incorrect  
# [MTSDK-3519] The Linux readme.mtm shows as multimedia file in Ubuntu  
# [MTSDK-3523] Unable to export kmz/kml in Linux (Ubuntu)  
# [MTSDK-3525] XDA returns FALSE from gotoConfig, but lastResult = XRV\_OK  
# [MTSDK-3549] The filename of the Linux installers is incorrect  
# [MTSDK-3533] Restored orientation/filter output for legacy MTw  
# [MTSDK-3643] csv export of multi-MTw2 recording no longer misses data  
# [MTSDK-3651] XDA no longer drops perfectly valid messages while reading .mtb

## **4 Minor updates**

+ [MTSDK-3568, MTSDK-3577, MTSDK-3595] Documentation updated for MTw Awinda  
+ [MTSDK-3543] Document available functions of XsDevices  
+ [MTSDK-1872] Allow magnetic field mapping software to choose among the MTw wirelessly connected

## **5 Known issues**

- [MTSDK-3725] In Wireless Configuration window sometimes the Signal Strength column shows "Unknown"
- [MTSDK-3345] Data in graphs are sometimes not shown when setting display preference is set to "as fast as possible".
- [MTSDK-3690] ASCII-exporter sometimes results in a crash