

**ReVeal MTX Software Updates****for MX100/100e+/120e+/120/100+/120+****for TX130/130+, TX150/150+, TX130M+, TX130N+****Software version 1.6.7****August 27, 2015**

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**Release Scope:**

General availability

**Features and improvements:**

1. Added option control 499-05-202 G.703 64k Co-directional function
2. Resolved ISDN result issue

**Software version 1.6.5****April 23, 2015**

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**Release Scope:**

General availability

**Features and improvements:**

3. Added option control for MX100e+ VeTest: Line rate HTTP Throughput test
4. An issue with Wifi InSSIDer test results format has been addressed

**Software version 1.6.4****Mar 18, 2015**

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**Release Scope:**

General availability

**Features and improvements:**

1. Support Throughput SDT result
2. Support TX130 Pulse results
3. Added Advanced Management option for TX130 and TX150

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## Software version 1.6.3

**Oct 24, 2014**

### Release Scope:

General availability

### Features and improvements:

1. Resolved result download issue
2. Support download type and report file from USB
3. Support TX150E+(red) hardware version
4. Support html result format
5. ISDN phone list can now be uploaded

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## Software version 1.6.0

**Jun 10, 2014**

### Release Scope:

General availability

### Features and improvements:

1. Corrected an issue with display of 1588 PDV graphs when high network PDV is present [1857]
2. RFC2544 Throughput test setup now shows with Mbps units
3. Phase file results can now be downloaded from USB [1879]
4. RFC2544 jitter test log table is now consistently displayed
5. ISDN phone list can now be uploaded
6. The Max number of settable ISDN B channels has been changed to 30

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## Software version 1.5.9

**Jan 17, 2013**

### Release Scope:

General availability

### Features and improvements:

1. Added support for VoIP PESQ test results
2. Added support for Wifi inSSIDer test results
3. Addressed an issue where the TX130M+ 1588 client results could not be read when Sync rate and Dly\_Req rates were set to 1 per second.
4. Addressed an issue where VSAM test results could not be read in the German version of windows 7.

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## Software version 1.5.7

Sept 30, 2013

### Release Scope:

General availability

### Features and improvements:

1. Added support for RFC2544 new user interface parameters:
  - New threshold configuration option has been added for RFC2544. The Pass/Fail threshold for the throughput test can now be configured as a % of Max Throughput rate or as a % of Line rate.
  - The RFC2544 throughput test now supports a frame loss limit parameter. This parameter defines the frame loss tolerance in the throughput rate binary search algorithm.
2. Added Throughput Test Round Trip Delay threshold configuration and threshold crossing event generation in log

### Known issues or limitations:

1. Throughput result format has been modified and is not backward compatible with previous format. If throughput test results were saved with M100+/120+ firmware(version before 5.1.1-6) or MX100E+/MX120E+ firmware(version before 1.0.3-3), they cannot be loaded correctly with this ReVeal MTX release.

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## Software version 1.5.4

May 25, 2013

### Release Scope:

General availability

### Features and improvements:

1. Added support for V-SAM (Y.1564) EMIX and CBS/EBS features for test results and test profile.
2. RFC2544 jitter summary results will now correctly show N/A instead of Pass when the threshold is not enabled
3. Addressed an issue where the table will be cut off in the pdf report when too many rows are present

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## Software version 1.5.3

April 19, 2013

### Release Scope:

General availability

### Features and improvements:

1. Support option setting for TX130M+ IEEE1588v2 Telecom Filter feature
2. Added frame loss count to RFC2544result
3. Fixed fail to open RFC2544 result record for non-English version Windows Operating System
4. Support Pulse Mask test result
5. Fixed empty result value in RFC2544 Throughput Test Summary if test failed.

### Known issues or limitations:

1. Nothing significant to report

## **Software version 1.5.0**

**February 08, 2013**

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### **Release Scope:**

General availability

### **Features and improvements:**

1. Support TX PESQ result
2. Fixed Fiber Channel result issue
3. Now able to display RFC Throughput Summary RX in Mbps
4. Paint VSAM failed result value in red color
5. Removed Frame Variation result from Throughput test result
6. Removed Delay result from Throughput test result

### **Known issues or limitations:**

1. Nothing significant to report

## **Software version 1.4.8**

**January 04, 2013**

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### **Release Scope:**

General availability

### **Features and improvements:**

1. Support V100+ IPTV channel tables
2. Changed FTD result value display to micro-seconds

### **Known issues or limitations:**

1. Nothing significant to report

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## **Software version 1.4.7**

**December 12, 2012**

### **Release Scope:**

General availability

### **Features and improvements:**

1. Support TX130 BERT result in Create Report function
2. Support new 1588v2 result in that the Sync rate, announcement rate and delay request rates are now displayed correctly
3. Change the unit of measure for VSAM FDV to microsecond
4. Change the Throughput Frame Loss % calculation to base on RX Total instead of TX Total
5. Support rename and deletion of profile in profile upload function
6. In Profile Upload, show corresponding applicable profile types based on the test set that is connected
7. Hide main windows when using remote control function
8. Remove IPTV from Add Option list for MX100e+ and TX130M+

### **Known issues or limitations:**

1. Nothing significant to report

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## **Software version 1.4.5**

**August 30, 2012**

### **Release Scope:**

General availability

### **Features and improvements:**

1. Support TX profile download/upload.

### **Known issues or limitations:**

1. When profiles are downloaded from a TX130M+ unit, ReVeal recognizes the profiles as for TX130 instead of TX130M+

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## **Software version 1.4.4**

**August 4, 2012**

### **Release Scope:**

General availability

### **Features and improvements:**

1. Resolved Throughput Test result bar graph not displaying issue when Windows OS Region and Language setting is not English.
2. Resolved Throughput Test result Frame Rate gauge display always shows Min. issue.

### **Known issues or limitations:**

1. Nothing significant to report

## **Software version 1.4.3**

**July 14, 2012**

### **Release Scope:**

General availability

### **Features and improvements:**

1. Added the following option control to Software > Add Option function
  - a) MX100/MX120 Link Level OAM option
  - b) MX100/MX120 Service Level OAM option
2. Added **Download USB wander result files** function under the **Tools** menu. This function retrieves wander measurement files stored on the USB flash drive installed to a TX unit, which has established a connection via the Ethernet **management port** to the ReVeal MTX. ReVeal MTX displays a list of the wander measurement result files available on the USB flash drive. User will select the desired file and use the Download button to transfer the file to the local PC. ReVeal will prompt the user the location where the files will be downloaded to.
3. Added measurement setup information to the Ethernet BERT and Throughput test results
4. PING the target test set 3 times to validate the IP before connecting to the test set
5. Resolved not showing VLAN setting correctly in PING test result

### **Known issues or limitations:**

1. Nothing significant to report

## **Software version 1.4.1**

**May 15, 2012**

### **Release Scope:**

General availability

### **Features and improvements:**

1. Support 14 characters long option password for USB Bluetooth option password

### **Known issues or limitations:**

1. Nothing significant to report

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## Software version 1.4.0

**May 10, 2012**

### Release Scope:

General availability

### Features and improvements:

1. Support Spanish language
2. Support TX130M+ V1588 test result, added MIN Filter and DelReq Rate
3. Added the following new option control
  - a) MX120E Link Level OAM
  - b) MX120E Service Level OAM
  - c) TX130+ MTIE and TDEV Wander Post Analysis
  - d) TX130M+ Clock Wander Analysis
  - e) TX150+ MTIE and TDEV Wander Post Analysis
4. Segregate MX100, MX120 and MX120E related options

### Known issues or limitations:

1. Nothing significant to report

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## Software version 1.3.8

**Mar 2, 2012**

### Release Scope:

General availability

### Features and improvements:

1. Added MX100+ Basic TCP/IP Throughput test option control
2. In remote control, ReVeal will PING 3 times to check timeout

### Known issues or limitations:

1. Nothing significant to report

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## Software version 1.3.7

**Feb 20, 2012**

### Release Scope:

General availability

### Features and improvements:

1. Added OAM Throughput test option control
2. Added TX130 Co-directional test option control

### Known issues or limitations:

1. Nothing significant to report

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**Software version 1.3.6**

**Jan 26, 2012**

**Release Scope:**

General availability

**Features and improvements:**

1. Corrected capture function not working in remote control mode

**Known issues or limitations:**

1. Nothing significant to report

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**Software version 1.3.5**

**Dec 22, 2011**

**Release Scope:**

General availability

**Features and improvements:**

1. Corrected not able to activate USB data modem and Bluetooth options
2. Corrected VSAM profile/result issue

**Known issues or limitations:**

1. Nothing significant to report



## References

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### Upgrading the ReVeal MTX software

Once you have obtained the compressed software file, extract the compressed file to the local drive of the PC, where the ReVeal MTX will be installed. Install the software only after extracting the files to avoid running into error (error code 2689).

It is recommended to manually uninstall the existing version from the Control Panel if the privilege setting used in the previous installation is not known. Otherwise, the installer package will not completely clean up the previous version. This will result the **Help > About ReVeal** still shows the old version after the upgrade and the old and the new versions will also be listed in the Control Panel program list.

On a PC running Windows 7, right click the **Setup.exe** file and select **Run as administrator** to start the software installation process.

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