

# Network Master Pro/Flex Release Notes

## Latest Installer File Name

3.00.MT1000A\_SW  
 3.00.MT1100A\_SW

## Installation Procedure

1. When using battery, make sure that there is 40% (or more) power in the battery of the instrument.
2. Remove the AC adapter or cable and power off the MT1000A/MT1100A.
3. Copy installer onto an empty USB memory stick.
4. Insert USB memory stick into MT1000A/MT1100A.
5. Boot MT1000A/MT1100A to start installer.  
 The instrument will detect the USB stick, and start installing the software. After the installation has finished the instrument will reboot and start with the new software.
6. Remove USB stick after installation is complete

You can check the installed version at **System Information** screen.

## Revision History

Version	Date	Description
3.00	2015-05-25	<ul style="list-style-type: none"> <li>● Added CPRI applications.(6465)</li> <li>● Added following functions to Ethernet applications:               <ul style="list-style-type: none"> <li>➤ Added RFC6349 application.(6366)</li> <li>➤ Added Layer 2 frame format support on Y.1564 application.(6398)</li> <li>➤ Added automatic service name on Y.1564 application.(6360)</li> <li>➤ Added “Include addresses in frame filter on receiver ON/OFF” on RFC2544/Y.1564/MonGen applications.(6557)</li> </ul> </li> <li>● Added following functions to OTN applications:               <ul style="list-style-type: none"> <li>➤ Added 3stage mapping on OTU3/4.(6369)</li> <li>➤ Added BMP mapping of SDH client.(6372)</li> <li>➤ Added FTFL alarm insertion/detection.(6373)</li> <li>➤ Improved the setting order of OTN Client.(6374)</li> <li>➤ Supported GFP-F Client signal up to 100G.(6369)</li> </ul> </li> </ul>

Version	Date	Description
		<ul style="list-style-type: none"> <li>➤ Added Error/Alarm statistics on APS application.(6399)</li> <li>● Added following functions to SDH applications: <ul style="list-style-type: none"> <li>➤ Added Pattern Error Trigger on APS application.(6419)</li> <li>➤ Added Error/Alarm statistics on APS application.(6399)</li> </ul> </li> <li>● Added following functions to FC applications: <ul style="list-style-type: none"> <li>➤ Added Frequency offset Insertion/Monitor.(6405)</li> <li>➤ Added Reflector application.</li> </ul> </li> <li>● Added following common functions: <ul style="list-style-type: none"> <li>➤ Added GUI remote functionality from PC.(6342,6341)</li> <li>➤ Added Event Log functionality.(6400)</li> <li>➤ Added VIP application on Utility.(6367)</li> <li>➤ Added MDIO analysis functionality for CFP module.(6351)</li> <li>➤ Added electrical extender module support.(6483)</li> <li>➤ Added external 10MHz clock support.(6464)</li> <li>➤ Added Emphasis and Equalizer functionality for CFP/CFP2.(6352)</li> <li>➤ Added Swedish keyboard input support.(6345)</li> <li>➤ Added CSV format report support.(6340)</li> <li>➤ Improved Utility Icon visualization.(6365,6362,6361)</li> </ul> </li> <li>● Bug fixes <ul style="list-style-type: none"> <li>➤ [All] Fixed the problem that CFP2 interface may not work correctly when configuring the timing source, "Received".(6667)</li> <li>➤ [All] Fixed the problem that MT1100 which mounts MU110010A sometimes shutdown when launching with battery.(6880)</li> <li>➤ [SCPI] Fixed the problem of Measurement Stop just after Measurement Start.(6726)</li> <li>➤ [SCPI] Improved the stability of long term SCPI running.(6707)</li> <li>➤ [ETH] Fixed the problem that MPLS-TP result does not count up when MPLS-TP OAM frame received.(6762)</li> <li>➤ [ETH] Fixed the problem regarding E2E communication between MT1000/MT1100 and CMA3K on RFC2544 application.(6735)</li> <li>➤ [ETH] Fixed the problem regarding selection of throughput type on RFC2544 application.(6658)</li> <li>➤ [ETH] Improved the stability of long term running on RFC2544 application.(6656, 6644)</li> </ul> </li> </ul>

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		<ul style="list-style-type: none"> <li>➤ [ETH] Fixed the problem that SDT result resets when LOS detected.(6570)</li> <li>➤ [ETH] Fixed the problem regarding PCS alarm LED.(5892)</li> <li>➤ [OTN] Fixed the problem regarding the mapping for 10GbE into ODU2e, mapping procedure is AMP (Asynchronous CBR Mapping). (6372)</li> <li>➤ [SDH] Fixed the problem regarding Performance measurement.(5419)</li> <li>➤ [FC] Fixed the problem regarding SDT measurement.(6531)</li> <li>➤ [FC] Fixed the problem that undersize frame sometimes counts.(6254)</li> <li>➤ [NoFrame] Fixed the problem regarding the BERT measurement result on NoFrame application.(6733)</li> </ul>
2.05	2015-03-25	<ul style="list-style-type: none"> <li>● Bug fixes and Improvements <ul style="list-style-type: none"> <li>➤ [OTN] Fixed the problem regarding the error on OUT3-40GbE mapping.(6454)</li> <li>➤ [All] Fixed the problem on MU110001A without battery operation. (Bug only for ver. 2.04) (6411)</li> <li>➤ [All] Fixed the problem that application crashed after long term running.(6455, 6552)</li> <li>➤ [All] Fixed the problem regarding the network configure on the Ethernet Service Interface.(6461)</li> </ul> </li> </ul>
2.04	2015-01-22	<ul style="list-style-type: none"> <li>● Enhancements <ul style="list-style-type: none"> <li>➤ [SCPI] Added the launching GUI command and the functionality of switching control between the GUI and Remote.(6355)</li> <li>➤ [PDH] Added the PRBS31 test pattern on E3.(6064)</li> </ul> </li> <li>● Bug fixes and Improvements <ul style="list-style-type: none"> <li>➤ [OTN] Fixed the problem regarding through mode.(6386)</li> <li>➤ [OTN] Fixed the problem regarding the Performance measurement. (6264)</li> <li>➤ [OTN] Fixed the problem regarding the OTN payload type setting/detection for ODU4-ODU2e-10GE mapping. (6401)</li> <li>➤ [ETH] Fixed the problem regarding transmitting stream on 40/100G.(6281)</li> <li>➤ [ALL] Improved the stability when measuring.(6376,6229)</li> </ul> </li> </ul>
2.03	2014-12-18	<ul style="list-style-type: none"> <li>● Bug fixes and improvements</li> </ul>

Version	Date	Description
		<ul style="list-style-type: none"> <li>➤ [OTN] Added some Errors (LLM-OTL, MFAS-OTL). (6262)</li> <li>➤ [OTN] Added some Error Trigger Type on APS measurement. (6261)</li> <li>➤ [OTN] Changed the name of some Errors. (OTL, LOA, LOBL, LOAML) (6262)</li> <li>➤ [SDH] Improved the updating results on Pointer Movement measurement. (6265)</li> <li>➤ [ETH] Fixed the problem regarding the showing service number on Y1564 application. (6295)</li> <li>➤ [ETH] Fixed the problem of End to End measurement on Y.1564 application. (6291)</li> <li>➤ [ETH] Fixed the problem that HiBER is not detected. (6230)</li> <li>➤ [FW] Fixed the problem regarding the VNC connections. (6243)</li> <li>➤ [FW] Fixed the problem regarding the Battery information on MT1100.(6020)</li> <li>➤ [RFS] Supported ETSI R&amp;TTE EN300 328 V1.8.1. (6263)</li> <li>➤ [RFS] Improved the stability on all applications. (6318)</li> <li>➤ [RFS] Improved the stability of the Ethernet Service Interface. (6404)</li> </ul>
2.02	2014-11-11	<ul style="list-style-type: none"> <li>● Bug fixes and improvements <ul style="list-style-type: none"> <li>➤ [OTN] Fixed the bug which is on decode of ITU-T G709 PSI[0].(6231)</li> <li>➤ [ETH] Fixed the bug that NMX_ASSERT is sometimes occurred. (6232)</li> <li>➤ [FC] Fixed the bugs which are interoperability issue and some minor issues. (5088, 6253, 6254)</li> <li>➤ [Wireshrak] Fixed the bugs and improved the stability.(6166)</li> </ul> </li> </ul>
2.01	2014-10-23	<ul style="list-style-type: none"> <li>● Support for the following products: <ul style="list-style-type: none"> <li>➤ MT1100A Network Master Flex Mainframe</li> <li>➤ MU110010A 10G Multirate Module</li> <li>➤ MU110011A 100G Multirate Module</li> <li>➤ MU110012A 40/100G Module CFP2</li> </ul> </li> <li>● Added Fibre Channel applications</li> <li>● Added following functions to Ethernet applications: <ul style="list-style-type: none"> <li>➤ Support for WAN-PHY interface</li> <li>➤ Frame capture include Wireshark</li> <li>➤ Channel Statistics</li> </ul> </li> </ul>

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		<ul style="list-style-type: none"> <li>● Added following functions to OTN applications: <ul style="list-style-type: none"> <li>➤ GFP-F mapping</li> <li>➤ FC client mapping</li> </ul> </li> <li>● Bug fixes and improvements</li> </ul>
1.00	2014-06-23	<ul style="list-style-type: none"> <li>● Initial release. Support for the following products: <ul style="list-style-type: none"> <li>➤ MT100A Network Master Pro Mainframe</li> <li>➤ MU100010A 10G Multirate Module</li> </ul> </li> </ul>

## Known Problems

None

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