What's New in T/MonXM 6.3A

Congrats! Your T/Mon Gold Plan Just Got You At Least 2 Seats of T/Mon GFX!

Any PC on your network can become a complete T/Mon monitoring station with T/Mon GFX, which includes latitude and longitude using MapPoint. You can now view your entire network in a war-room NOC display that is sure to impress visitors on a VIP tour.

If you do not currently have a Graphical User Interface (GUI) for your master, you'll receive 2 seats of T/Mon GFX! If you already have T/Grafx - congrats! All your seats will be upgraded to GFX, which boasts a centralized database hosted directly within T/Mon.

Look at what's new in T/MonXM 6.3A:

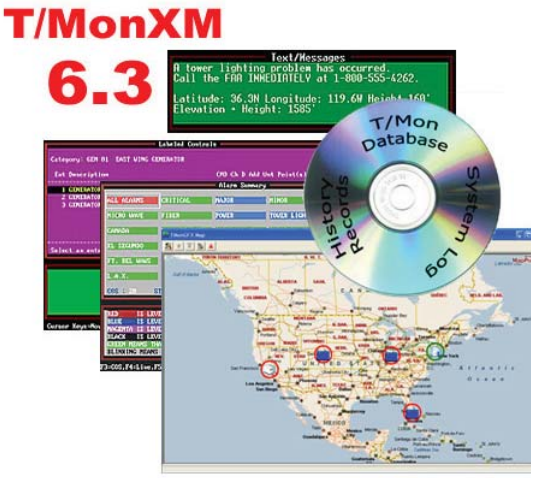
Summary of New Features:

- Ability to make backups to CD on a NOC. This will create backups of the database, history records and the system log. You can copy the full database or single. *Only on T/Mon NOC platform*
- Added new System User setting for restricting access to the Building Access menu. This also restricts access to the System User menu to prevent users from being able to change their own setting.
- Added ability to associate sample ASCII text with ASCII rules. ASCII Sample Text can be accessed from the ASCII Rules. This is great for documenting rules and regression testing.
- Added ability to Import Control Definitions.
- Initial support for GE D25 DNP3 device includes binary input and provisioning for analogs. New job for DNP3 Interrogator. *
- XMEdit support for the MAI KeyLok-II security key.
- New Data connection type IPMux TCP and IPMux UDP for use with the ASCII Gateway Agent. This is used to extend the amount of connections for ASCII jobs.*

**** For use with appropriate software module.***

Summary of Enhancements To Existing Features:

- Added F1 pager list window to weekly schedules and Schedule Exceptions. This brings up a list of pager carriers and allows the user to select a user.
- Pager Profile Entries now has a new F5 toggle to view operator description and echoes the description from the weekly schedule window.
- Allows copying of a System User to a System Profile. Also added drop down list of all existing users/profiles.
- Added F1 pager selection for when editing Weekly Schedules and Schedule Exceptions for pagers.
- Added ability to ignore Community Strings for Trap manager job.
- Added 15 minute inactive timer to reset trip modems if it hasn't been reset and had no activity in the last 15 minutes.



- Added display of Control Status for Larse interrogators.
- Added Alt-F1 alarm status summary screen to DialUp Site Monitor window.
- Added sound for html server. Sound will mimic the T/Mon depending on the highest level COS.
- Improved T/GFX initial connection by not having to wait 20 seconds before reconnect. Improved transfer of analogs by sending all 16 channels in a single packet.
- Added standard internal alarm for low disk space. This will appear when the amount of available disk space goes below 512mb.
- Added ability to preserve Site Statistics to disk and restore when coming back into monitor mode.
- Added F9 help screens for Mail in and Mail out remote jobs.
- Added analog support for DNP3 Interrogator. Will send out 16-bit Analog Request without flags but is capable of receiving responses for 16-bit Analog responses with or without flags. *
- Modified DNP3 interrogator to poll for analog every other poll if it does not respond. *
- Added STATS command to AQL processor to generate a report for site stats. STATS RESET resets the stats for a given port. AQL command "STATS PORT # ADD #" displays alarm summary data instead of single address stat. *
- Modified Diagnostic 202 Modem Tuning to return warning message if 202 modem detected, but port is not defined as a 202 modem. Also returns a warning if 202 modem defined, but was not detected.
- Modified Miscellaneous Normal Analog History Period to have a minimum value of 1 minute.
- Added Serial Tests under Diagnostics. This has 2 modes: Terminal mode and Loopback test.
- Modified Diagnostic 202 Modem Tuning to display what is being sent and received on all 4 ports. It will also display warnings if the port responded with a 202 modem response but defined as something else. Will also give warning if defined 202 modem did not respond.
- Added descriptions to serial tests when setting up the port info.
- Flashed selected items on Diagnostics modem tuning screen.
- Added help screen for modem tuning.
- Diagnostic serial loopback test now includes test for RTS and CTS loopback. Also displays which test failed.

- Initial correction for CPU/fan reading for CoreSystems T865GP2 motherboard.
- T/MonGfx responder will send internal system alarms. This is compatible with earlier versions of T/MonGfx which do not monitor for internal system alarms.
- NetGuardian Firmware version from the PIDR command now overrides the user defined firmware version if it does not match.
- T/MonGFX now has support for generating reports.
- Analogs for ModBus Interrogators will now retrieve the min/max threshold value from the unit values in the Analog Display Worksheet if larger than the default.
- Added support for NetDog g2.
- Web Interface now includes device offline count and silenced alarms count.
- Added "Native Protocol" field for ModBus Interrogator jobs on the Remote Parameter screen. This allows serial protocol to go over LAN if connection is going through a proxy.
- Added Database Information report. This includes number of displays, addresses and points currently being used, the number of system users/profiles defined, the number of controls defined, the history record cound and the live disk record count.
- Added support for databasing ModBus Interrogators on a DCP Responder.
- Added F1 browse windows in Sites / Zones on the windows field.

Building Access (BAS and BAC) *

- Modified BAC compile and BAC download to keep a mirror image of what the NetGuardian has on memory and will only send what has changed.
- XMEDIT: BAS Profiles compile will give the option to use the last compiled data in place of the active database when trying to determine which profiles are new and needs to be sent for the smart download.
- Added F3 force full download for BAC profiles when viewing Site Stats.
- BAS Site Log In Status now catches and displays entry errors. It will catch invalid date, invalid time and invalid day of week if the entry was denied.
- Added more visibility for invalid card scans for BAS. Added NetGuardian address into the Site Log In Status window for invalid BAS card #. This will display which NetGuardian sent the invalid card # error.
- Building Access active database now syncs over NRI. Editing and compiling BAS profiles on secondary will setup for the smart download so the primary will only download what has changed.

NRI *

- NRI now syncs ASCII text logs. This resolves an issue where ASCII alarms on the secondary unit could not manually ack because it didn't have ASCII text.
- NRI now syncs online/offline device status. Setting devices offline or online will no longer be allowed on the secondary unit.

SNMP *

- Expanded allowed address/device ID for SNMP jobs from 999 to 9999.
- Initial support for SNMP pattern matching for variable bindings. This will extract alarm information from consolidated variable bindings.
- Remote Parameter screen on an SNMP Agent (Responder) now allows F2 to restore 'public' to the community fields.
- MIB parser is now able to resolve unresolved OIDs by using values from SNMPv2-SMI. It will always look in the files first and will use the hardcoded data as a last resort to fill in missing data.
- SNMP clear traps now has the ability to clear multiple points using the same clear trap.

- MIB Parse now displays the number of unresvolved OIDs on completetion, unless it is zero.
- Enhanced MIB log so it would catch import errors and display any missing MIBs that were referenced, to but could not be found. This will prevent all errors caused by the missing import to only be displayed once.
- Modified SNMP editing to allow entering of case sensitive strings. Will allow case sensitivity when comparing with the trap received.
- Modified SNMP editing to allow entering of octet strings with non-ascii values. Entering "#OS1_1.2.3.4" in the value field will convert it to 0x0001000200030004 when entered into the database. This will allow input of non-ascii characters. Each value between the dots are converted to 2 bytes.
- Modified the SNMP Trap Processor field for Use Trap ID and allowed new entry 'Z' which will act the same as 'Y' except it will truncate an extra zero at the end of the trap OID for SNMPv1 traps only. This makes sure that there is a single instance of 0 at the end of the OID before the specific trap.
- SNMP Trap Processor now supports community strings for each device. If the device is not defined, the community string defined for the port will be used.
- MIBs folder automatically created if it doesn't exist.
- SNMP Traps now processed in the order of displays and points. When a trap comes in, it will process to see if it matches with point 1, then point 2…
- Added rebuild SNMP traps button on the Remote Device Definition screen for SNMP TRAP Processor job. Use when converting existing device between SNMPv1 and SNMPv2. Trap OID format will be different.

ASCII

- Expanded allowed address/device ID for ASCII jobs from 999 to 9999.
- ASCII Key Mapping can now jump to the String Definition window for the current string type.
- ASCII Key Mapping now has F1 key to jump to the next line.
- ASCII while loop behavior now processes everything after \E when the while loop fails the match.
- ASCII tables now has options to numerically increment/decrement or set new value for keys on True/False results.
- Added NO CONTAINS and CONTAINS options to the ASCII tables when String type is selected.
- Added NO CONTAINS option to the ASCII key mapping string definition window. This will set the value if the key does not contain the specified string.
- Added ASCII Device Rules tab option for ASCII hex sections. This gives an option to select commonly used ASCII hex characters.
- Auto ASCII definition window now displays which keys make up the string being edited. This is displayed on top of the screen if they are defined.
- ASCII sample messages are now able to be used in debug. F4 will load the sample text associated with the rule being viewed before entering debug mode.
- Added new internal alarm for Ipmux_TCP and IPMux_UDP disconnect under the Data Connection window. If defined, this will set when the ASCII Gateway agent has not sent a keep alive in 15 seconds. It will clear on receive.
- ASCII Rules window now has < and > navigation keys to jump to the first rule for the previous or next device.