GenWatch3 v.2.7.2.34 Release Notes

February 6, 2013

New and Notable

- GenWatch3 is now compatible with 7.13 ASTRO® 25 systems.
- GenWatch3 has added functionality for communicating with the PMI Server.
- Help screens now display the version of the GET components compiled into GenWatch3.
- Reports: New "Show Me Everything" feature allows administrative role users to generate reports on all archived data.
- TCP Encryption is now always enabled.
- SystemWatchII Output is now an output out of the RIMII Module.
- Alerts: Font sizes can now be changed in the Alerts Emergency window.
- Alias: Channels will now be stored in Alias by their channel positions instead of their frequencies. This allows channels to by dynamically added on system types that do not broadcast the frequency used by calls.
- Alias: New "SNMP Sources" nodes have been created to allow users to associate IP addresses to systems, zones and sites.
- GEnSAC: Revised serial port interaction to improve link stability.
- Security: Users are now marked as logged off when the service is stopped or started.
- Trigger: There is a new option to trigger based on control channel position change.

Release Notes – General Use

- GenWatch3 is now compatible with 7.13 ASTRO 25 systems.
- GenWatch3 has added functionality for communicating with the PMI Server.
- All modules: the Help screen now displays the version of the GET components compiled into GenWatch3
- All modules: TCP Encryption is now always enabled.
- During Alpha testing, GenWatch3 will display the word ALPHA on the Launchpad window.
- GenWatch3 can now assimilate UEM data into the GenCore SNMP processing and storage for MMA reporting.
- CADI Zone Controller connections may now be made by hostname or IP address.
- APM poll interval has been increased to 30 minutes.
- LTE User Statistics are now updated only if the timestamp of the stats is current.
- LTE Statistics Update packets now display more complete information in the packet details.
- Preflex UCNs no longer cause all calls to be considered a single conversation.

Release Notes - Module-Specific

Activity

- When the Suppress Duplicates or Throttle options are enabled, their status will be indicated on the window's status bar.

Alerts

- The login form will provide previously used host machines in a drop down list.
- Font sizes can now be changed in the Alerts Emergency window.

Alias

- New "SNMP Sources" nodes have been created to allow users to associate IP addresses to systems, zones and sites.
- A new configuration option has been added to handle more than 100,000 IDs by removing the inactive IDs.
- Channels will now be stored in Alias by their channel positions instead of their frequencies. This allows channels to by dynamically added on system types that do not broadcast the frequency used by calls.
- Alias now allows for Site and Zone IDs up to 255 in P25 data.

Archiver

- GenWatch3 has improved the archiving of system events.
- Affiliation Request packets are now archived correctly in all cases.

Channel

- Channel now displays has added adjacent site information.
- The Channel header now has the option to show the channel alias instead of position.
- Control channel positions are displayed immediately from information in the service.
- Threshold Alerts are now limited to groups in the user's attachment list.
- Diagnostics will no longer incorrectly re-use the alias of the radio ID of the previous call.
- We resolved issues that could cause site header busy counts to become negative.
- We fixed a memory leak that would occur when running certain TRBO connections.

CloneWatch

- ChangeMe events can now be selected from the list of Restricted Services.
- No longer considers data calls in overlapping call logic.
- Suspects are no longer added based on activity from an exempt talkgroup.

Connect

- APM connections now support UDP traffic packets.
- GXConnection can now accept variable MNC length activity.
- CADI Connections now support RPC versions 1 and 3.
- Add PMI request/result processing to GenIIB Client.

EGLView

- We have added the ability to load TreeView on demand on the SNMP Rule Management page.
- Users can now change the name of a device through the iVista interface in EGLView.
- EGLView devices are now sorted alphabetically.
- Users can now add devices manual for EGLVie.

EzSaveWin

- Individual IDs and ID ranges can now be managed easily via the Manage IDs screen. IDs can be activated, deactivated, edited, and listed without the need to manually type commands at the terminal.

GEnSAC

- We have revised serial port interaction to improve link stability.

iVista

- We have added support for report trial periods in iVista.
- ReCAPTCHA has been removed.
- We have added additional information for data modification logging.
- We have added support for Gold Elite consoles to iVista.
- Users can now change the name of a device through the iVista interface in EGLView.
- EGLView devices are now sorted alphabetically.
- Users can now add devices manual for EGLVie.

Launchpad

- There is now a shortcut to the Help documents in the Tools section.
- During Alpha testing GenWatch3 will display the word ALPHA on the Launchpad window.

Monitor

- Monitoring, Measuring and Alarming actions have been added.
- We have created a parameter screen for the site block setup of Measuring, Monitoring and Alarm app.
- The WACN and System tiers have been added.
- The Zone/RFSS tier has been added.
- A sub-icon to the Zone/RFSS tier in Monitor has been added to indicate failures.
- Last time of SNMP Source Update to Sites has been added.
- The new Source History window displays the last 1,000 SNMP messages for the selected source.
- The Source Summary window will display the minimum and maximum values when available.
- In the Source History window, devices with a violation will be colored red to allow users to easily distinguish them from devices without violations.
- Users can now export a Comma-Separated Value (CSV) files from items in the Source History and Current Status windows of Monitor's Site Diagnostics window or copy selected items into the clipboard.
- Hovering over a Site in Monitor will list violation details for devices that are operating outside of normal parameters.
- Red/Amber/Green threshold alerts configured in the Trigger module will now be displayed on the Monitor GUI.

Provisioning Manager Interface

- PMI provisioning workflow has been added to GenWatch3.
- PMI interface has been added to GenIIB.

RCM

- We resolved a rare occurrence of Radio Search windows appearing behind command windows.

Reports

- New "Show Me Everything" feature allows administrative role users to generate reports on all archived data.
- We have added a Summary graph to the APM Channel Levels over Time report.
- Channel Activities report now dispays Group, Private and Phone voice information and Data of any type is now reported in the data columns.
- New centralized reports feature allows users to share reports.

- Activities Over Time and Channel Activities report have new columns to total up the time used by activities that don't fall into any of the other categories.
- Activities by Radio Over Time, Activities by Talkgroup Over Time and Group PTTs reports now have columns for each talkgroup or radio's Location and Agency.

RIMII

- We removed the 20 Talkgroup per Multigroup cap.
- SystemWatchII Output is now an output out of the RIMII Module.

Security

- Users are now marked as logged off when the service is stopped or started.

Service

- A new option allows database changes to be performed as the Windows user responsible for the change.

Trigger

- Red/Amber/Green threshold alerts configured in the Trigger module will now be displayed on the Monitor GUI.
- There is a new option to trigger based on control channel position change.
- Users can now include packet field information in SNMP action triggers.

Release Notes - Genesis Trio

- Trio is now a part of the standard GenWatch3 demos.
- Federal Excise Tax entities now tax only interconnect and DID related services and airtime usage charges.
- Trio now allows for deleting the TETRA Radio when deleting the TETRA Radio User.
- ASTRO 25 provisioning is now available via the ASTRO-PMI module.
- Invoice run performance has been improved.
- Validation for data entry fields has been updated.
- New flowcharts have been added to the manual.
- Quantity on Hand in Inventory Products now properly updates when changing an Item's Usage Type.
- Service Request can now update affected Inventory Item's Usage Type.

- A new Inventory Item is now automatically created when a TETRA radio's serial number is changed to one not already in the inventory.
- A "Distribute" button has been added to the ASTRO-PMI client interface.
- Views and stored procedures are now encrypted in the database.
- Trio more accurately accounts for database writes.
- Comments can now be added for Radio Network Billing Units.
- Trio now tracks serial numbers in Churn for all system types.
- The SMARTZONE module has been renamed to "Radio Network Billing" and allows for systems such as ASTRO 25 and MOTOTRBO.
- Primary data entry forms now have highlighted fields to indicate required data.
- It is now more obvious and easier to disable/enable radios/subscribers.
- Trio now allows for deleting the Serial Number/Device when deleting the only Personality/Subscriber.
- Debit/Credit Memos has been revised to allow the selection of GL Accounting during the add process.
- The Company form now allows one click autofill for Shipping Address.
- Quotes and Orders now correctly update to show current prices of Rate Plans.