GenWatch3 v.2.3 Release Notes

May 25, 2011

Notable New Features

Custom Trigger Notifications

- Trigger notifications can now send alerts via email (text message) or SNMP trap
- New triggers can be setup to alert in the event of a percentage of change

View image

Emergency Tracking Window

This small, unobtrusive window tracks activity during an emergency. The window stays open until the emergency is cleared. Track PTTs and affiliations of units involved in emergencies.

View image

TDMA Performance Management

GenWatch3 now shows TDMA slots.

- Group and private call activity is shown down to the slot level
- GenWatch3 reports now measure TDMA slot activity as well

Additional Features and Resolved Issues

Activity

- Now shows "Unit ID" instead of "Radio"
- Fixed an issue in which extremely long Aliases would cause alerts to have high CPU usage and modules would not close
- RSP25 Statuses no longer show up as ACKs
- The End of Global Busy packet now shows correct Start of Busy timestamp

Affiliation

- Fixed an issue where the Get Statistics window would re-open after being closed
- Now shows "Unit ID" instead of "Radio"
- Interzone packets are now ignored
- Unhandled exceptions with ATIA data running no longer occur
- The “Maximum Viewable Limit Reached” message now closes
- There are controls for all columns in Group window options
- Open Statistics windows no longer counts towards the “10 open group windows” maximum

**Alias**

- Improved the functionality of the dynamic add functions
- Site Import no longer fails with a large ID number
- Status and message set values now save correctly
- Raised maximums on RFSS values
- Radio History now shows Radio Rejects
- Emergency Text is now shown on GUI during create
- Show list properly displays all headers
- Status and Message sets can no longer save values with no description
- Dynamic Add only adds channels that exist on the system

**Archiver**

- Fixed an issue in which identifier updated TDMA packets archived too often

**ATIA**

- Fixed an issue where calls sourced from a site on a different zone included in the Site List could consider the activity local instead of interzone

**CADI**

- 70,000,000 and 80,000,000 padding for IDs and Groups is now available

**Channel**

- Hide All function now refreshes correctly
- Improved the functionality of the Options menu
- Zone headers show an accurate Active Busies count
- Total time used on Site Statistics now allows for multislot calls
- Duplex calls now show as 2 occupied frequencies

**CloneWatch**
• Overlapping Talkgroup and ID ranges can no longer be created
• Now shows “Unit ID” instead of “Radio”

Connect

• The last connection no longer disappears from the Connections list
• Added an option to send Link Up/Down notification to the GUI Message window

Event Log

• The GenWatch Event Log should show Link Down as an error

GenSPOut

• Frequency filter functions correctly
• Interface form allows for more than one filter
• Timestamp in a channel assignment shows correct local time
• Fixed an issue in which only the first interface worked
• End Of Call Timestamp is no longer replaced with the current date and time
• Flow Control now defaults to None for serial connections

Halcyon

• Errors sent to CADI Host are now also echoed to the event log

Installer

• “Genesis” login is no longer removed during host installations
• “Dynamically Add Child Resources” is now an install option

RC

• Windows restore to their original positions when the module is restarted

Reports

• Added functionality that allows the Reports module to load Excel files with the following extensions: .xlsx, .xlsm, .xltx, and .xltm
• Radio Activity Detail report now shows correct End DT for registrations
• Control channels are now denoted in Channel Activities report
• Radio PTTs report now correctly totals
RIMII

- ISW/OSW connections now write to separate raw data files

RSP25

- Timestamp in a channel assignment shows correct local time
- Fixed issues in dynamic FDMA/TDMA call processing
- Now Logs packets with unexpected data length (RAW data files from versions previous to 2.3 are no longer compatible for playback with 2.3)

Security

- Errors no longer occur when attempting to delete a user
- Fixed an issue where an incorrect login could cause a .Net exception
- Users are no longer deleted after they login
- Channel Activity report displays correctly

System Summary

- Conventional sites are no longer counted towards Max Channels
- Busies Quantity shows correct count
- Busies seconds now display correctly
- For graphs total group, private and interconnect seconds now include values multiplied by number of slots when FDMA call is made on a TDMA-capable channel

Trigger

- Added an SSL option to Email Settings
- Status, Messages, Emergencies and Emergency ACKs are now filterable by group
- Busies are no longer set off by interzone packets
- Fixed an issue in which Suspect Notification trigger would not fire if "Any System" was selected
- Fixed in issue where status and messages greater than 16 would cause an unhandled exception
- "of this GenWatch Event" is now enabled
- Fixed an issue in which an unhandled exception would appear when a loss of data trigger is edited
- Added a trigger for Affiliated radios threshold options with warnings

Trio

- Added the ability to see Churn History for a radio
• Added the ability to choose a Capability Profile from a list of existing profiles when entering radios in the UberWizard for a TETRA order
• Added the ability to test a TETRA UCS Provisioning configuration
• Contract end notices will now be automatically generated
• Trio no longer crashes under certain circumstances when printing pending invoices
• Reports now display a message when there is no data to display
• The UberWizard will no longer fail due to an incorrect database query generated under certain circumstances
• An error no longer occurs when changing a SMARTZONE radio’s Serial Number
• An error no longer occurs when opening the Product Details screen
• Modifying a customer’s discounts no longer causes an error to occur
• Radio Inventory and Customer Talkgroup reports have been added
• An order’s total is now correctly updated after entering a discount percent for a line item
• UberWizard no longer lists extra radios that should not be there