

GenWatch3 v.2.11.23.9

This GenWatch3® update is available at no charge for customers who are up-to-date on their maintenance and support agreement. For support questions or to check the current status of your support and maintenance agreement, please [contact Support](#).

Before installing on an ATIA-based system, the database will need to be updated. Genesis Support personnel will provide this service for customers who are up-to-date on their maintenance and support agreement. If applicable, please [contact Support](#) to schedule the update.

New Features

Affiliation

- Now shows the last status or message for each affiliated radio

Alias

- Added Channel Sort preference option to Alias GUI to show channels in tree view by Channel Key, Frequency or Position
- Added alias color to Group Alias and ID Alias columns in Activity, Affiliation and Group

APM

- New feature allows each connection to connect to APM via Telnet and point the APM UDP traffic packets back to the connection
- New APM Module and GUI
- New Reader hardware interface
- New GenGET APM reader application
- New APM-specific database
- Archiving: Added purging index to ARC_ApmUdpTrafficPackets table

GenGET

- Solution now stores BSI usage in the database.

Halcyon

- Altered logic to allow for Portmapper service on CAD client machine

Installer

- Updated free SQL redistributable to SQL Server 2012 Express Edition.
- SQL Server 2012 Express is now included with GenWatch3.
- Windows 8 Driver for ASTRO® 25 CPS is no longer embedded in the installation.
- Motorola ASTRO drivers now have a dedicated installer
- Genesis MIBs are now automatically populated in the database.
- GenGET SNMP will now automate the importing of basic MIB files.

KPI

- Graphs will be updated even when no data is received

Location

- LRRP XML interface updated to work with new UNS

Reports

- Excel reports have been updated from .XLS format to .XLSM format.
- New reports have been added for ATIA Enhanced Data for 7.14 ASTRO systems.
- New GenGET (GenWatch3 ATIA) reports:
 - Calls and PTTs per Month
 - PTTs and Airtime by Talkgroup
 - Custom Talkgroup Activity by ID
 - Airtime by Radio ID and Talkgroup
 - Custom Talkgroup Activity by ID Includes Consoles
- Group PTTs, Group Usage by Radios Reports, and Activities Over Time are now filterable by site.
- The Events By Type report has been updated and new events have been added.

SNMP

- Additional event logging has been added to SNMP applications.

SysVista

- Site-based KPIs are available via database views.
- Generic trap types in SNMP Agent now translate to and from SNMPv1, v2c, and v3.

Fixes

- Logging in to a host configured for Windows Impersonation will now verify that the Windows User can be impersonated by the host as necessary.

Affiliation

- Data in Statistics windows will now be filtered by the user's Agency filter.

Alerts

- Forms showing dialog windows are now closed when the user's session times out.

ATIA

- For Pre-Flex status numbers, we now use Status/Message/Priority Number if its > -1, otherwise we use ASTRO P25 User Status Number.
- Target Radio ID is now populated on Private StartOfCall Packets.
- For FLEX statuses, the status value is now shown as a 2-byte value. This value is the combination of the high-order APCO User Status and low-order APCO UnitStatus.
- ATIA.CallType.Data and ATIA.CallType.ControlledChannelAccessData packets are now flagged as Radio Data and have a timeout of 6 minutes.
- Now supports Any IP (broadcast).
- Update No Control packets will not cause alias changes.
- Default value of affiliated zone and site changed from 255 to -1. Radio and Group alias will not be updated to a blank alias.
- New 7.14 opcodes for RS Traffic Event have been added to the ATIA database.
- PTTs by the same SUID that occur sequentially are no longer counted as one PTT.
- Any IP (broadcast) is now supported.
- When the service is started there is a GetLibrary.License event log error is logged to the Application log.

Channel

- Corrected an issue with channel status packets that was resulting in extra channels in the Alias and Channel GUI
- Number of slots used in FDMA calls is now counted in the Active Resources count.
- Radio commands (Ring, Call Alert, RMRT, etc.) now show on the Control Channel for all data sources
- Conventional Partial busies now show up as gray instead of black in busy list.

- Fixed busy duration issue dealing with conventional sitebusies
- Fixed an issue where Elapsed Time and System Wide column in the busy list showed large numeric values

Connect

- SNMP connections no longer show link down due to lack of data.

Databases

- GenWatch databases will now use default sizes.

EGLView

- Location settings for EGLView elements can now be imported and exported.
- Elements in EGLView now contain IP range information for automatic assignment of devices.
- Latitude and longitude values can now be imported.
- IP ranges can now be created for automated assignment of devices.
- IP Plan now supports multiple devices at one IP Address.
- Improved IP Plan importing logic
- SNMP rule variable conditionals now display an appropriate message if deleted by another user.
- Adding subscribers to ID groups no longer causes unacceptable delays in operation.
- Fixed an error that caused SNMP devices to appear twice in the Device Viewer under certain circumstances after importing IP Plans

GenGET

- LRRP: 2SQL: GenGET OLS connection recovery logic improved
- Dataserver: UniqTrans Table Columns are now BigInt
- GenGET ATIA will no longer update Group aliases with default aliases when the Ignore Default Alias option is used.
- Added indexes to the ATIA database to improve report performance
- GET ATIA 2SQL Database Queue now contains a subfolder for more effectively processing queue files.
- Reader no longer crashes when an untrusted connection is attempted.
- Source Port configuration has been added to ATIA Repeater.

Install

- Corrected an issue affecting installations from DVD

iVista

- Genesis no longer supports Opera browsers.
- iVista can now be configured for active directory authentication.
- iVista Setup — SSL settings are preserved during an upgrade.
- Agency data can now be exported to a text file.
- Improved query performance for obtaining unassigned subscribers
- iVista Configuration now allows users to specify country and language information.
- Fixed a situation in which a new form would appear behind the current form
- Microsoft program compatibility messages from appearing upon installation.
- User Profiles can now be exported to a text file.
- An ID number not already assigned can now be added to an agency or group.
- Fixed a validation error that sometimes caused valid subscriber IDs to not be accepted by iVista

KPI

- Fixed an error which caused graphs to clear when setting field back
- Added indexes to improve KPI performance
- ATIA Peak Channels Graph will now match the AirCallChannelUse database table.
- Improved load time on KPI charts
- Private call rings are no longer counted as busies in KPI.

Location

- Improved incoming data processing to handle incomplete packets

Reports

- GoS Busy Reports — Busy Segments Use AirCallBusydatetimes
- System Usage now accounts for available slots more accurately.
- Modifications have been made to the System Activity report that remove duplicate records when reporting over multi system installations.
- Activities by Radio Over Time more accurately reports on radios that have had multiple aliases assigned to them.
- The Unit PTTs by Talkgroup report will only count one set of PTTs for interzone calls.
- Fixed an issue where data was missing in Quarter-Hourly view of Activities by Talkgroup Over Time.

- The Talkgroup Usage by Day-Hour of Week has been updated to handle international time.
- The Talkgroup Usage by Day-Hour of Week will no longer return duplicate records.
- The Radio Activity by ID report's group affiliation tab will no longer return duplicate entries.
- Group PTTs, Group Usage by Radios Reports, and Activities Over Time are now Filterable by Site.
- Performance enhancements added to Airtime by Minute and Airtime & PTTs per Hour reports.
- UEM Site Availability, Hourly Alarms, and Alarm States reports updated for UTC time correction.
- Total Airtime for 24 Hours will now more accurately consider the results to a specific 15 minute time span.
- Total Airtime for Top XX Talkgroups hourly result will now more accurately report time when activity is spanning across multiple hours.
- Radio Rejects now prevents possible duplicate records when run against databases storing historical radio alias information.
- Alias Information has adjusted column widths to better display data.
- Site Affiliation Summary — Fixed an issue where site information could be repeated multiple times
- Airtime by Radio ID — now reports Radio WACN or System
- The terms "Omni" and "Zone" are replaced by "System" and "RFSS" on Data, Enhanced Data and System Core reports.
- Created and added icon for UEM Site Availability
- Corrected terminology across all reports
- System, Zone, and Site report parameter fields accept a comma separated list of values.

RSP25

- Resolved an issue with APX Millennium connections that could interfere with XTL Millennium connections on the same system
- Added check to prevent network issues from resulting in an idle Millennium connection
- Fixed an error when parsing millennium interconnect numbers
- Fixed an error that had a chance of occurring when deaffiliation packets were received
- Improved validation of TCP ports to ensure compliance with IANA standards

System Summary

- Group coded inter-zone call seconds are now added to system summary.

SysVista

- Fixed a never-ending call scenario related to digital conventional patch calls
- Console deaffiliations now remove the console from the radios connected count.

Trigger

- Trigger can now import Combilent™ MIB sources, traps and values.
- MIB import now allows notification traps.
- Fixed a breaking issue when importing multiple MIBfiles
- Check for SNMP Master Agent now occurs at the module level instead of the client level
- Added TriggerName to the values reported in a triggerTrap SNMP trap sent by Trigger