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 IPAddress.
• 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 Compliant™ MIB sources, traps and values.
- MIB import now allows notification traps.
- Fixed a breaking issue when importing multiple MIB files.
- 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.