GenWatch3 v.2.12.35.1

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

- GenWatch3 now supports 7.16 ATIA version 1.120
- ATIA 2SQL enhanced to store all packets from ATIA data
- Added Windows Authentication (Active Directory) to GenWatch3 security
- iVista: New responsive design improves mobile experience
- iVista: network owners can now run reports by agency
- KPI: Near real-time values are now combined with their corresponding historical average value on a single chart
- Reports: Source Resource button added
- Trigger: Created a new option to set up a trigger that looks for a number of events with a minimum duration. For example: "5 busies within 1 hour with a minimum duration of 10 seconds."

Full List of Updates

Advanced Power Monitor

- Traffic packets are now parsed and stored by GenGET APM
- Added override IP address option and reset options in APM Display
- APM alarms are now summarized in a database
- Data warehouse can be installed and configured

ATIA

- GenWatch3 now supports 7.16 ATIA version 1.120
- ATIA 2SQL enhanced to store all packets from ATIA data
- Controlling zone information added to RadioId table
- Source Zone Information added to the call table
- Source Zone Information added to the PTT table

EGLView

- All radios that have ever reported a location are now shown based on their latest reported location
- iVista: UEM recent events can now be filtered by System, RFSS, and Site
- iVista: Improved tree view behavior on EGLView Device Viewer page

GenGET

- Licensing has been implemented in:
    - GET ATIA Reader
    - GET ATIA 2SQL
    - GET GTP Reader
    - GET GTP 2SQL

GenWatch3

- Added Windows Authentication (Active Directory) to GenWatch3 security
- Aliases will no longer be truncated by ADM CDM Sync
- ASTRO Bundle can be deployed via command line installer

GGSN

- HPD Reader enhanced to listen to multiple GGSN feeds
- GET - CGF 2SQL: Connection configuration now allows for specifying the WACN and System to which the data pertains
- Updated Data report to use fully qualified IDs

iVista

- Network owners can now run reports by agency
- New responsive design improves mobile experience
- Dashboard loads with preconfigured widgets
- Report selection page displays the current report directory
- Added validation for IPv4 and IPv6 addresses
- Assign subscribers to agencies based on predefined filters set up by the user within iVista
- Dashboard metrics now filter results by assigned resources
- All dates and times are now displayed in universal format
- Active Directory users are no longer required to provide login-credentials to iVista
- New resource selector for report parameters
- Automatically attempts to login users in active directory mode (ASTRO 25)
- Added privilege for reporting on all agencies

Key Performance Indicators

- Near real-time values are now combined with their corresponding historical average value on a single chart
- Added Bar, Area and Stepline graph types to KPI
- GUI now allows row height and column width resizing
- Added a maximum limit of 8 open KPI windows

OTA

- Added decode and archive of new P25 packet types Affiliation Refused, Affiliation Denied, Registration Refused, Acknowledgement, Channel Announcement

PMI

- Added Motorola PMI v.0300 changes

Reports

- Source Resource button added to reports
- Improved APM Alarms queries efficiency
- System Usage Report enhancements
- ATIA Deregistration enhancements updates
- GenGET Reports now track the Last Run Date
- A new custom report provides PTT counts and asset information per distinct Subscriber and Subscriber Alias

SNMP

- Added the ability to configure two SNMP solutions for redundancy of a feed to a single end point
- Health Status monitoring added to SNMP solution
- GenGET: SNMP Master Agent: Added the ability to be configured via xml configuration file

Trigger

- Created a new option to set up a trigger that looks for a number of events with a minimum duration. For example: "5 busies within 1 hour with a minimum duration of 10 seconds."
- Trigger filtering now offers a channel selection

ZSS

- ZSS updated for version 8.2

Fixes

- Alias: Export will no longer count the header row as a record when calculating the total number of records exported.
- Alias: ATIA Group Affiliation Query Response packets are now considered connection events.
- Channel: GUI now shows console to console private calls in the console window.
- Connect: SNMP connections no longer show link down due to lack of data.
- GenGET ATIA: PMStaticData activity is now logged
- GenGET ATIA: SystemActivityUpdate is now stored in database
- GenGET ATIA: DAG ID of 0 is no longer allowed
- GenGET ATIA: Added indexes to the ATIA database to improve report performance
- GenGET ATIA 2SQL: Aliases of subscriber and group IDs will no longer be update to be blank in the database
- GenGET ATIA 2SQL: Added Include/Exclude Conventional and Data checkboxes for filtering to GenGET ATIA call and PTT based reports

- GenGET ATIA 2SQL: DBQError directory changed so the service account would have access to it
- GenGET ATIA Dataserver: Enhanced the ignore default alias functionality
- GenGET ATIA Dataserver: Sequential PTTs from the same SUID are now logged as separate PTTs
- GenGET ATIA Dataserver: Improved accuracy of MCM view in the short-term database
- GenGET ATIA Dataserver: GET ATIA database has been updated to prevent the Sync process from generating an overflow error
- GenGET ATIA Replay: Dataset import will no longer exclude the last packet in the data
- GenGET Reader: now handles invalid credentials
- GenGET Reader: now handles two attempts to connect to same persistent pipe
- GenGET Reports: The alias of SUID 0, which is id not applicable, is now reported as call type
- GenGET Reports: Added Consider Source Resource only filtering option to all applicable GenGET ATIA reports to filter out Interzone activity
- GenGET Reports: Changed reports to use more consistent terminology
- GenGET Reports: GOS report Actual GoS field calculation refined
- GenGET Reports: GoS reports have been updated to more accurately account for busy durations
- GenGET LRRP 2SQ: OLS connection recovery logic improved
- GenGET SNMP: Traps that have unresolved Source IP addresses will now be processed with a default IP address
- GenSPOut: Added logic to properly shut down closed TCP clients
- Location: Improved incoming data processing to handle incomplete packets
- Reports: Added Site Alias column to all reports with a Site ID column
- Service: GenWatch3 hosts will no longer accept clients running on machines with different regional settings.
- System Summary: Fixed issue where SysSummary usage graph by component was not adding Group Radio Data calls to the total time used for the percent usage calculation
- Trigger: Toggling a trigger's enabled checkbox with the spacebar no longer causes a unhandled exception (a known issue with grid control).