

ALERT Version Comparison for ALERT 4.0

Annotation of Functions which differ between ExpertALERT and StandardALERT

Database Management

1. StandardALERT will not be incorporated into the WATCHMAN Data Center as an optional version of ALERT accessed through a web interface.
2. StandardALERT will not have the Event Tracker functionality. This tab would not be presented in the Analyst View.

Operations

1. StandardALERT does not support synchronization with the WATCHMAN Data Center. Though this may work through replication, it is an untested, unsupported feature. ExpertALERT and ViewALERT are supported in Azima DLI's hosted solutions.
2. The "Expert" menu in ExpertALERT will display as "Screen" in StandardALERT
3. StandardALERT cannot run the Expert Automated Diagnostic System (EADS) engine. The "Screen" menu will not present "Run Expert System".
4. StandardALERT will run a Fault Screening, Exception engine to produce limited reporting.
5. ExpertALERT will not run the Fault Screening, Exception engine as an option.
6. StandardALERT will not display automated repair recommendations with priorities.
7. StandardALERT will not have access to edit EADS rulebase or Expert System Editors.
8. ExpertALERT will produce MIDs with component codes, pickup codes, and fault frequencies.
9. StandardALERT will now allow the creation of MIDs.
10. ExpertALERT and StandardALERT allow the creation of machines, locations, and process points.
11. ExpertALERT allows the creation of machines and locations using the MID definitions.
12. StandardALERT will allow the creation of average baseline for manual comparison and screening for analysis.
13. StandardALERT will not have the ability to perform the Quick Review function.
14. StandardALERT does not support creation of online system machines. The Machine edit function to "Monitor On-line" would not be present.
15. StandardALERT does not support integration with CMMS systems. Though it may offer some functionality, this is also not tested, non-supported.
16. ExpertALERT is a supported application for TRIO® Data Collector systems.
17. StandardALERT is not a supported application for TRIO® Data Collector systems.

Reporting

1. StandardALERT will not display automated system results.
2. ExpertALERT will display automated diagnostic system results.
3. StandardALERT will display Exception reports.
4. ExpertALERT will not display screening / exception reports.

Communication

1. StandardALERT will support same data collector communication protocols as ExpertALERT.

ALERT 4.0

	ExpertALERT-Cloud	ExpertALERT	StandardALERT	ViewALERT
Database Management				
Add or Edit Plants / Areas / Machines / Locations / Points	X	X	X	
Create User-defined Points	X	X	X	
Insert Data to User-defined Points	X	X	X	X
MID Setup Wizard	X	X	X	
Add or Edit MID Component Codes	X	X	X	
Add or Edit MID Fault (Forcing) Frequencies	X	X	X	
Create or Edit Data Collection Setups	X	X	X	
Add or Edit Units	X	X	X	
Add or Edit Machine Drawings	X	X	X	X
Add or Edits Surveys / Survey Periods	X	X	X	
Add Users	X	X	X	
Edit Users	X	X	X	
Write Online Engine Survey File	X	X	X	
Write Data Collector Survey File	X	X	X	
Add bearing to Internal Library	X	X	X	
Add or edit Average Baseline	X	X	X	
Web-hosted (Cloud-based) database management	X	X		
Add or Edit Event Tracker	X	X		
Operations				
Synchronize with WATCHMAN Data Center	X	X		X
Apply statistical baseline criteria	X	X	X	
Initiate Expert Automated Diagnostic System (EADS)	X	X		
StandardALERT Fault Screening (SFS) (Screen Menu - Expection Report)			X	
Machine Faults and Severities Status Indication	X	X	X	X
Display repair recommendations and repair priority	X	X		X
Editable EADS rulebase	X	X		
Process Diagnostic Status Flags (4.1?)	X	X		
Process Peak Screening Status Flags (4.1?)	X	X	X	
View Graphic Data	X	X	X	X
Trend graph	X	X	X	X
Set Machine Status	X	X	X	
Quick-Review Results	X	X		
Online monitoring system management	X	X		
Integrate with CMMS Systems	X	X		
Reporting				
Expert System Report	X	X		
Exception Report			X	
Database Reports	X	X	X	X
Machine Condition Reports	X	X	X	X
Print Graphs	X	X	X	X
Custom Reports	X	X	X	X
Notes Reports	X	X	X	X
Data Collector Communication				
Sybase Replication	X	X	X	X
Survey File Transfer Exchange	X	X	X	
Load / Unload	X	X	X	