

Application Release Documentation



3rd April, 2018

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Version Number	6.2		
Application	NEXUS Integrity Centre		
Client	All clients		
Existing Installed Version / Build	NEXUS Integrity Centre 5.x, 6.0, 6.1		
Upgrade to Version / Build	NEXUS Integrity Centre 6.2		
DB Schema upgrade required?	X	YES	NO
Release Type		MAJOR	X MINOR
Release Includes	X	BUG FIXES	X NEW FEATURES
Release Summary	The tables following provide details of changes to the code base since the last provided update		

INSTALLATION INSTRUCTIONS

FOR MINOR UPDATE:

1. Backup database to known location
2. Use the provided Setup application to reinstall NEXUS IC.
3. Run the application and test the database in accordance with company procedures and notes above.

FOR MAJOR UPDATE / UPGRADE:

1. Backup database to known location
2. Use the provided Setup application to reinstall NEXUS IC.
3. Run the application and test the database in accordance with company procedures and notes above.

Note – When the update is deployed in a Test Environment prior to full roll out, the database backup should be restored temporarily to a local database server on the test PC for application & database testing.

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Feature #	Summary
16340	Change the default extension when restoring a database from a file
15955	Add capability to multi-select and edit layer properties
15655	Allow multiple Rows in a Pivot Table
15597	Remove tables from security permissions
15564	Prevent execution of script files from NEXUS
15260	Support parsing filename of date and time only, ie YYYYMMDDHHNNSS
15170	Allow user to select Asset filter in Lookup Element where output field is Anomaly Action.Action_ID
14834	Oracle Provider
14383	New operation types 'All True', 'Any True'.
13925	Limit crash logs per session
13248	Allow user to add a single Continuous Event
13067	Allow user to select from Asset table when configuring Work Flow functions on Event forms.
12890	Improve details in emails
12840	Ensure that IP address is logged in Audit Log
12670	Changed Event.Has Video to a calculated field
12660	Allow Integrity Centre to run without Media Foundation
12593	Need to be able to include the Anomaly Risk Chart in a Report Template
12497	New field "Assigned To Task" required on Actions Grid
12379	Allow end users to edit certain system meta data.
12376	In getSecurity REST request, include SU_ID
12334	Create tasks from Anomaly Actions
12333	Workflow for "Retire Equipment"
12164	Excel Connector
12114	Update QuickPDF to v14
12041	Add new Licensing System
11942	Anomaly Risk
11921	Stacked Bar Chart type
11821	Update Media Foundation
11755	Auto population of anomalies and action created by
11739	Allow configuration of Mutually Exclusive Events
11684	Add Event Type icons to Expert Systems db
11621	Support @autoinc as a default value macro.
11487	Add CTRL + C for asset tree
11478	Allow Column totals to have a different aggregate apart from 'SUM'.
11477	Add option to display '-' instead of NaN in pivot tables.
11473	Add support for group element to export if there are no rows in the source.
11470	Reports: Add ability to perform 'Union' of simple sources.

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Feature #	Summary
11466	Have the ability to split table data into 4/6/8 columns
11465	Provide message and change colour of network latency on statusbar
11437	Have the ability to "not" create tasks when Repeat Occurrence value is NULL or zero
11420	Add ROW INDEX as a condition check within Reports
11414	Identify Pass thru types in AIGs and Events
11409	Add 'Auto Fit' option to grid Customise
11404	Default to collapsed state for Report Elements on Edit Report Template load
11402	Show Finding detail when 'Finding List' is active
11383	New task's asset selection - use base asset
11372	Adding and deleting table fields should be clearer
11358	Implement Survey frame.
11340	Allow user to change Asset for an Asset History item
11297	Add support for Functions to trigger refresh
11287	Video tab must open when playing a video, if the video is not checked in the view
11242	Make execution statistics available for functions.
11217	Coalesce Element
11153	Sort or group fields in Import Wizard
11150	Update Video protocol message to be more readable
11148	Rename Signoff tables display name
11137	New Async threading library
11133	Function Parameter dialog shows Default Value even when Allow Null Inputs is unchecked
11126	Asset Export - Save/Restore selection
11124	Support Anomaly Triggers on New Events
11112	ISNULL not returning expected results: Add "X" button to string editors to allow user to set the value back to null (when IsRequired is false).
11106	Check for write access in workflows
11104	Allow extents of background image to influence axis limits
11091	Allow user to select what Element Groups are exported in a report.
11073	v6 - Sub AIG Functions and Global Lookups
11025	Ability to play a specific video in Tools Video
11000	Allow overwrite of risk assessments during copy.
10889	Display Pie chart labels as a percentage
10762	Add a "Show Child Assets" toolbar button to the PLANNING Tasks tabbed sheet
10728	Allow Event / Finding list in Inspection screen to allow filtering by Bookmark.
10693	Ability to Select All or Unselect All fields for the Table of Data element

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Feature #	Summary
10621	Allow passing of report parameters to functions
10562	Add capability to move video from local UNC to cloud storage
9982	Search engine not finding AIG data
9932	Hide toolbar captions when toolbar needs 2 rows
9635	Workflow Persistence
9426	v6 - Field ordering in aig's, allow order to change by moving the fields up and down
4572	Support EurekaLog creating Redmine issues directly

Bug #	Summary
16384	Change Is_Bound column from an Int in the SQL database to a bit column.
16381	Extra columns displaying in report
16377	Anomaly trigger 'Exception' large text field
16331	Refresh on Lookups with Highest as a Secondary filter that references another table don't refresh.
16330	Finding List not respecting filters on Event Data
16145	Error when trying to access Tools Options
16026	Incorrect Toolbar buttons
15958	Functions and Foreign Key Filter tabs always showing
15600	Only enable layer captions for button layers.
15489	Installer lacks path option
15484	Table conditional formatting not applied
15384	Incorrect schema on a stored procedure.
15381	Error parsing Expert_System video files
15271	Try importing the attach report template into Expert Systems
15259	Parse Video Files fails on Quadrant video.
15171	Reports - Table not generating from union source
15169	Schema Update 8.101 doesn't cope if default Metric units have been deleted.
15150	RE: INC0786100 - NEXUS - NEXUS: Nexus Crashing and Not Responding
15066	Lookup with children counting incorrectly
15036	Reports - Conditional formatting treating Whole Numbers as Alphanumeric
14975	Function displaying AV in Edit Function Definition dialog
14973	Unable to filter inspection event result set from user entered YEAR
14970	Edit Control doesn't highlight hyperlink immediately.
14969	Point Event Simple Source is displaying incorrect Asset Location.Full Location
14840	Function Comments not saving first time
14839	In an event selection dialog, if you click Add, the event doesn't get added correctly.

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Bug #	Summary
14720	Global Lookup displaying incorrect result
14662	BP PoC - V6 - The event list doesn't populate the event information after manually adding an event
14622	Calculated fields doesn't respect number of decimal places
14519	Ordering in charts is random when points have same X value.
14430	Refresh doesn't work on Lookups that return Min with Child Asset Filter.
14366	The AIGs doesn't display the forms in the order specified in the Asset Type definition
14306	Asset Heirarchy node state persistence
14300	Origin DB syntax error
14286	Hang on 'System' AIG
14255	Traffic lights slow to load
14178	A/V during delete of asset.
14177	Audit Log splitter stuck
14045	Traffic lights doesn't refresh after adding a new event
14042	Children goes into Not Responding when trying to load Piping AIG
14019	Can't block access to Risk Model config
14016	Can't select AIG in Custom Export (Asset)
13957	Duplicate Logon calculation failing for some users
13682	Histogram Chart not displaying correct Y Axis labels
13611	Splitter between Event Details and Findings in wrong position in ANOMALIES
13595	Inspection hangs on Prelude database
13558	Azure Video Parser won't parse more than 5,000 files.
13549	Personnel Login - typo
13521	Aggregate Lookup on Calculated Field in table with no rows causes A/V
13513	BP-Pilot hangs when navigating to INSPECTION screen
13456	Error in Trace Log.
13333	Database Change password is never enabled, even when user isn't using SSO
13300	Skip on Video Upload wizard doesn't skip immediately.
13290	Lookup to Parent function not returning expected results
13215	Search not returning Sub AIG data results
13208	Video sometimes fails to upload.
13098	Don't search when search string is longer than string field allows.
13096	Videos not found in Expert Systems
13093	Duplicate Asset workflow menu items.
13092	A/V on close of Database or Shutdown of NEXUS
13056	Field settings for decimal precision not being respected for calculation results
13046	Invalid Eastings and Northings Data
13045	Integrity Center hanging

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Bug #	Summary
13044	Default Desktop not saving for hidden video tab
13043	Video Tab showing up as default
13009	IC-Inspector date format error preventing syncing of completed tasks
12961	Inspection mode crashes on Platform A
12910	Gas Sales Price function gives unhandled exception
12800	Email Export of Excel fails
12795	Refresh label can appear at the bottom of the form.
12666	Video Upload Wizard doesn't complete.
12614	Application shuts down when applying Planning Templates
12611	v6.2 application is pointing to v6.1 documentation
12608	Excel connector can overwrite PULL only fields.
12595	Captured frames not saved if Multimedia frame not shown
12592	Ok button not enabled on captured frames
12568	'Custom words' hint spelling mistake
12565	Drawings loading more than once?
12556	Split Series axis on Chart is not displaying as expected
12534	Spelling mistake in Test Email dialog.
12523	Displaying alternate Unit type does not respect decimal place settings
12494	Files in the root folder in Azure don't parse correctly.
12461	Error on AIG External Table connector
12449	Remove device code from Integrity Centre
12421	Push and Pull For External Table is not working
12342	NEXUS Mobile
12290	No options in Provider Lookup
12160	Inspections: Event Type filter cannot cancel
12159	Unable to select dots on Risk chart in Assets screen
12131	Improve IC-Web installer.
12118	Findings created in error (Anomaly Trigger not checking unit types)
12074	Don't filter on workpack in Incomplete Tasks unless there is a workpack filter.
11997	History tab is not showing changes
11993	Lookup Element returning NULL when should be returning value
11968	Action Overdue and Action Status calculated fields in Anomaly table not displaying expected results
11967	Multi-select edit Anomalies Status and Anomaly Set not working
11929	Function statistics sort strangely.
11914	Unable to select Anomaly Trigger Type
11824	Dynamic AIGs not respecting field order
11822	Reverse Data entry with AIG numeric fields with decimal place masks

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11781	Refresh issue
11759	Desktop menus repeated
11750	Traffic lights not displaying in ASSETS
11744	Text gets cut off at the end of progress dialogs.
11743	Initial show of search is slow.
11742	Edit Risk Assessment doesn't show correct values when you 'Edit' an existing risk model.
11741	AV in function output
11691	Could not add Asset-specific anomaly trigger
11689	Workflows are not receiving functional values from datasets within a form.
11683	Event icons not shown in grid
11573	AV generating Data Audit Report (Synchronisation Changes & Session data)
11572	Pipeline View chart not displaying correctly for Palisade
11568	Date control does not respect read-only state
11549	X axis values are not clear in Histogram charts
11506	System becomes unresponsive upon deleting library items
11504	AV during deleting library items
11502	All library groups get deleted when user multiselect only some
11498	Event Export - "One or more errors occurred"
11490	Chart axis do not get the minimum value
11485	Error in Export Repository
11484	Memory Leak in Storage Engine - prevents exporting repository in databases that have a repository with size greater than available memory.
11471	AV during editing the AIG fields
11467	Change Assets causes the Asset Information pane to refresh twice.
11459	AV in AIG fields
11458	Incorrect output from a function
11456	Error 'Cannot convert variant (string) to variant (double)' during report export that includes a chart template.
11454	Functions do not get refreshed upon changing them
11451	Lookup Element returns incorrect value
11449	Form doesn't refresh functions during edit.
11442	The "Required Field" workflow on Planning Tasks dialog incorrectly applied on multi-select
11441	Closest value lookups incorrectly return null, if the first time the lookup is run the value for closest is null.
11440	Error launching Audit Log dialog
11427	AV in function field
11425	A/V on close from Inspection Screen in NEXUS IC

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Bug #	Summary
11422	Group Parameters only in scope for one Level
11413	AV evaluating Audit Changes
11412	Error attempting to delete a branch of asset hierarchy
11410	FAMS_Expert_System.aimbak won't upgrade to schema 8.135
11401	Blank rows get added to Task when exiting NEXUS IC with Review screen active.
11378	OK button is not enabled in Asset Information Group tab
11375	Invalid pointer operation
11373	'Move down' button not clickable after adding new report element
11371	Report does not generate in edit mode
11362	Filtering on Video column
11357	Rename 'Meta Template' tables
11355	Bug in Sorting the Columns in Event Listing tab
11352	Cannot save changes in Simple Source in Reports
11351	The Show Selected Asset or navigate button do not work properly
11349	Application hangs when shrinking AIG
11343	AV while editing the function
11342	Anomalies are duplicated when you apply Asset filter
11339	Ensure Unit Group unit is used on Chart Axis.
11336	Clicking video icon plays video from start
11335	Play event does not set position when paused
11332	Unable to apply Workpack Filter to Finding table
11327	Unable to choose String Field as Row Field in Pivot Table
11326	Report Parameter changes not being saved.
11323	Overlapping controls on Function tabbed sheet in Add Field Definition dialog
11322	Element Group repeat options not visible
11321	Application hang when creating function
11319	Bookmarks are not getting imported
11315	Video does not work on Win 10 through RemoteApp
11306	Application becomes unresponsive if you try to expand the hidden AIG
11300	AV editing Function Test
11292	AV in Report Templates
11286	Bug in Audio playing
11271	Children Tab does not remember AIG selection after navigation
11266	Finding Listing
11259	SQL Server credentials in command line is not working
11257	Bug in the AIG field edit form
11253	Unable to sort by V Column in INSPECTION

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Bug #	Summary
11241	AV error upon deleting an AIG field
11238	Connections not reporting Functions used within Functions
11234	AV deleting Planning Template Tasks
11230	Change Full Location and Parent asset to calculations
11229	Library import demands a column that is already present
11228	Strings can be distinguished by trailing spaces, but this is inobvious to users
11223	Stale LI_ID in AIG table
11220	Error loading Vessel TML AIG form
11215	Error in Event Export Wizard
11214	Unable to enter Repeat Condition
11208	There is a bug in selecting result type in function parameters
11207	There is a bug in selecting a function for a column in report templates
11200	System function YEAR not returning expected result
11198	Font Style changes not saved
11195	Options page layout
11190	AV when exporting a Drawing
11186	AV error on the CATS welcome page after update
11185	Different display of time format
11184	Finding Code is not being exported
11183	Updating the values in the risk assessment is very slow
11182	Performance Changes
11181	Excel - 'Required' validation not set for Date fields
11167	Deleting an Anomaly Trigger which has generated findings taking too long
11164	IC-Web should handle the ODBC driver not being installed gracefully.
11161	IIS Install page
11160	License agreement in IC Web setup should include IC-WEB under NEXUS INTEGRITY CENTRE.
11157	Error generating report for read only user
11156	Boolean Anomaly Triggers are reversed during v6 conversion
11154	'Show Asset Type' not checked
11149	Incorrectly hidden toolbar captions
11131	Blue shading misses last column
11127	Connections Grouping header is blank
11125	Field are not behaving properly based on their workflows in AIGs
11118	Ok button is not enabled for Grouping
11116	Separate worksheet event export - only export related columns
11115	Large anomaly trigger bound locks up app
11094	The application becomes unresponsive upon deleting an event

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Bug #	Summary
11090	Applications hangs when attempting to perform Custom Export from INSPECTION
11052	Out of Memory when populating Children Tab
11016	Asset and Asset Type are not updated in Planning Task Editing
10873	Excel Import Sample - Lookup Lists not marked as required
10171	Read only user - Allow update Last Generation time
10044	Search not returning result from Field_Def table

Contact us

If you have any queries regarding the information contained within this document, please email support@nexusic.com or contact the office during normal business hours.

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