



New Features and Bug Fixes for Release Version 6.0

Release Date: April 24, 2008

| New Features - CDS | |
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| 101 | New unified Decom status parameters for various TPPs |
| 5844 | New Parameter Aliasing capability |
| 6068 | New IAP derived parameter servers |
| 6262 | Aperiodic data identification from various TPPs |
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| New Features – Operator Console | |
| 6068 | New IAP Server setup and control capability |
| 6267 | New Operator Console Startup Wizard |
| 6942 | Performance Improvements |
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| New Features – Display/Client | |
| 101 | New Decom Status derived functions |
| 1045 | Cross Plot Envelope Dynamics and new Envelope Properties Dialog |
| 1746 | Enhanced SA (3D Moving Map) Display |
| 3277 | New Bell helicopter model |
| 5235 | New Data Search tool |
| 5371 | Stick Force now allows two sets of angle/magnitude parameters |
| 5423 | Upgraded ICAW to allow display of emergency procedures |
| 5479 | Ability to output Raw FFT data from the Frequency Plot |
| 5502 | Added new File Search Path table |
| 5788 | Stop Watch display upgraded |
| 5865 | Added ability to put labels on all two-axis displays |
| 5915 | Cross Plot now has ability to connect data points with lines |
| 6007 | Ability to Edit the title on all applicable displays |
| 6010 | New option from Dashboard IRIG panel right-click menu “Allow Parameter Drop to Reset Scales” |
| 6066 | New SetTriggerParam derived function |
| 6070 | New Display Head/Monitor Management option |
| 6073 | Enhanced performance monitoring |
| 6074 | Enhanced API for manipulation of additional IADS Logs |
| 6076 | New Parameter Selection Dialog |

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| 6094 | Create Desktop dialog - can now enter the Group and Subgroup |
| 6138 | ICAW - New "PrefetchTime" property so the display will backup "N" seconds before it starts to process |
| 6182 | New capability to identify displays that contain a certain parameter |
| 6187 | Go To Time Dialog now has spin boxes to change the time |
| 6208 | Data Export now has ability to specify precision of the data exported |
| 6221 | New Validation dialog available in the Configuration Tool |
| 6226 | Ability to set SQL queries on any table |
| 6227 | Derived parameter changes can be applied to all displays on the Desktop during save in Configuration Tool |
| 6261 | New general purpose HTML display |
| 6264 | New Playback notification on scrollbar |
| 6265 | Cross Plot now has a "Clamp data to axes" option |
| 6268 | New F-35 Model Variants |
| 6271 | Added color amplitude for Octave Band plots |
| 6308 | Envelope line styles now available on all applicable displays |
| 6362 | ICAW now has ability to hide column headers |
| 6380 | Action Object expanded to launch VBScripts and Desktop Summary tool |
| 6390 | Get Value - ability to "get value" on another Analysis Window |
| 6412 | New ability to push parameter changes globally across Desktops |
| 6428 | Frequency Plots - added color gradient option for spectral lines |
| 6460 | Added hexagon and triangle markers to Moving Map display |
| 6470 | Added ability to show ASCII parameters in the Alphanumeric Display, Alphanumeric Table Display and Annunciator |
| 6501 | Added ability to use wildcards in Data Groups table parameter column |
| 6533 | Line width for plot axes now functional on applicable displays |
| 6605 | New command line option to specify configuration path and filename in local mode in order to bypass the 'Browse' dialog |
| 6627 | Input Button object now has a font color property |
| 6631 | Ability to move/shift tabs within a Display Folder |
| 6631 | Ability to change Display Folder tab color the same as the background color |
| 6648 | Cross Plots now have the ability to display a picture file as the background image |
| 6662/6363 | Multi-line text now available in Text, Text LED and Input Button Active X Controls |
| 6670 | New Aircraft Models - CH-47 Chinook, UH-60 Blackhawk, AH-64 Apache, V-22 Osprey, C27 and Hawker 4000 |
| 6678 | Hot Key dialog available on AW right-click menu |
| 6691 | View parameter details from any display or table using the right-click "Go To Definition" option |
| 6713 | Helicopter aircraft type added to the 2D Moving Map |
| 6773 | New Geo-reference tool added to 2D Moving Map |
| 6828/6489 | Major enhancements to Configuration Tool |
| 6839 | New 2D Interpolation derived function |
| 6891 | New Event Monitor Display |
| 6980 | Ability to delete all objects from the library |

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| 7053 | Multi Graph Control enhancements |
| New Features - RT Station | |
| 6448 | Added warning if not all time words could be found for Acra Compact Flash data source (this is for "automatic" detection as well) |
| 6751 | Support for PCM words less than 16 bit for Lumistar and SAMDEC decoders |
| 6810 | Acra Compact Flash users can now select which group of time words to select for time |
| 6851 | Acra Compact Flash users can now select events from the IADS Start Wizard |
| 6852 | Support for Alenia PDF File in IadsTpp |
| Bug Fixes | |
| 3229 | Data Management - config validation/conversion being performed correctly in local mode |
| 3523 | Changing the block size of the PSD while RMS is active now re-indexes the margin bars |
| 4133 | Drawing Package - Polygon & Line – Ctrl+Z now functions correctly |
| 4827 | Derived equations based upon each other no longer causes infinite recursion |
| 5295 | Configuration Find/Replace dialog issues fixed and function correctly |
| 5313 | PostTestDataServer CSV import: client now gets data on imported sample rates < 1 sample/sec |
| 5377 | Parameter Default Table: The DataType column is no longer being used as the actual file data type; data type now comes from data file |
| 5394 | Installer - FRC server exe now installed on CDS on 5.1 upgrade in room 144 |
| 5416 | Drop down input hooked to an action (go to window) now functions without a preload of the windows |
| 5468 | PostTestDataServer - start/stop time calculation on Aperiodic Post Test files fixed |
| 5695 | Dashboard - GlobalTime "Sync to PTDS time" now persists |
| 5718 | CDS: Aperiodic – performance upgrades |
| 5732 | Validation Log - is now read only and the dropdown is omitted |
| 5738 | Parameter Tool – No longer highlights (EmptySubGroup) every time a new group is selected that has (EmptySubGroup) |
| 5748 | The Iads Simulink data output module no longer shows errors when using the new CDS using the current "CustomDataInterface" |
| 5766 | Derived Parameter validation error message now shows the correct position for missing variables inside a derived function |
| 5771 | Loads Summary Log - If Load Limit captured from a Cross Plot, it now has a column for each parameter |
| 5772 | Play from here in Test Point (TP) log now starts from the TP Start time instead of TP Stop time |
| 5856 | Analysis Window: Reload from config and set current time now checks valid time range before executing "Go To Time" |
| 5860 | Missing/defunct Analysis Window no longer added to Dashboard Analysis Window list on Desktop |
| 5886 | PostTestDataServer – Now updates sample rate column of Parameter Defaults table like CDS |

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| 5918 | Local Mode - load a data set with "Data0" directory and data is received correctly; data now runs correctly if data is in Data0 subdirectory |
| 6010 | FQ: Performance upgrades added to stripchart |
| 6020 | Large Zball (~100MB) clients correctly obtain config on startup |
| 6021 | Envelopes – Correctly functions to allow right-click menu for turning on/off even if there is only 1 envelope |
| 6027 | Ops-Console in Room 144 Time no longer jumps |
| 6035 | Fixed duplicate texture loads with multiple controls of the same type |
| 6043 | Analysis - Matlab - Matlab script now exists that confirms the accuracy of the PSD |
| 6045 | Local Mode - old data file types now function correctly |
| 6056 | Local mode - Aperiodic data now moves correctly |
| 6062 | ZBall - An Export desktop/analysis window that's zipped and includes *all* files now exists and functions correctly |
| 6085 | MCS Room – dynamically linked library dished now persisting on Desktop |
| 6089 | Op Console in Room 144 – no longer flashes on reset CDS or Recover CDS |
| 6090 | Op Console Room 144 clients no longer show a lost connection (when connection is good) |
| 6093 | MCS - Op Console - the compress and final file copy buttons are grayed out |
| 6121 | Zball file size no longer grows if .dll not registered on machine |
| 6126 | Op Console - A predefined Zball support option now exists |
| 6232 | PTDS: Calculation now functions correctly of mission start/stop time in IadsArchiveInfo.txt |
| 6234 | IadsDataFileInterface.dll now handles data files that are “read only”. |
| 6247 | If LoadLimit is captured by TestPoint trigger, the TIS field is no longer left blank in the LoadsSummaryLog |
| 6262 | Aperiodic Data - All Front Ends – performance upgrades |
| 6290 | ZBall no longer crashes while converting to latest version with OpsConsole |
| 6291 | OpsConsole redraw now functions correctly on MCS recovery |
| 6321 | PSD: Dominant mode setting now persists correctly |
| 6323 | Import wizard no longer adds extra commas if copied from the parameter defaults |
| 6328 | Op Console - IADS Startup file is now writable |
| 6330 | OpsConsole now displays border when user logs off |
| 6355 | ActiveX: Popup menu now shows attachment "fx" icon when the "Special" tier is shown |
| 6374 | Data Displays: Octave Band - "W" Key hit no longer sends display into endless reset |
| 6376 | Analysis: Labview – VI now exists that confirms the accuracy of the PSD |
| 6379 | ZBall: Post Test Data Server now defaults to ZBalls in the specified Post Test directory instead of regular config files |
| 6386 | Active X Rich Text Format - display now auto updates |
| 6389 | F-35 Model – performance upgrade |
| 6392 | Text Object - when Scale Factor is greater than 1 the bounding rectangle and FontFillStyle now function correctly |
| 6417 | ParameterTool - Find now functions correctly if parameter has no Group & |

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| | Subgroup |
| 6432/6222 | Parameter validation turns bad equations red and now the red does not disappear on click |
| 6441 | Saving an image or printing an individual stripchart now contains the attached time bar |
| 6455 | Data Displays: Frequency Plot - Filter GUI - Right click menu item now functions correctly while Chirp-Z is active |
| 6463 | Library Objects – Now possible to "update" them |
| 6465 | Right click delete overlay refresh now functions correctly |
| 6467 | Realtime RandomDec - Multiple attached Realtime RandomDec displays now update threshold after Stripchart threshold drag change |
| 6468 | Realtime RandomDec - Filter settings from Stripchart no longer get pushed to only one attached Realtime RandomDec display |
| 6469 | Analysis Window – No longer deleted via the 'Delete' key and is no longer deleted if displays are rope selected and cursor released on Analysis Window title bar |
| 6473 | Frequency Plot - Filter Freq GUI now shuts off when Stripchart detaches from Frequency Plot |
| 6474 | Frequency Plot - Filter Freq GUI now shuts off when parameter is deleted from attached stripchart |
| 6475 | Nulling - Performance upgrades |
| 6481 | GetTestPointActive - Now functions correctly when a parameter is hooked up to 'Visible' property on an ActiveX control |
| 6482 | ICAW performance upgrades |
| 6492 | Cut and pasting parameters in IADS now functioning correctly |
| 6515 | Zball - Now includes external files from the user library |
| 6519 | Primitives - Shrinking down an object and moving it via the translate function no longer leaves "artifacts" |
| 6520 | Library Object Rename – No longer renames all objects with the same name; only current user's objects are renamed |
| 6528/5533 | Envelope changes via property dialog now save correctly |
| 6534 | Import/Export - Option to bundle the supporting file in an import/export |
| 6552 | Parameter validation – moved parameter validation entries from message log to validation log |
| 6544 | Frequency Response Plot - Property Dialog 'OK' no longer setting the plot % back to 50/50 |
| 6572 | A newer config file version (than the software install), will now display an error on the Operator Console |
| 6573 | Parameter Defaults Table – now allows commas in Parameter Group/Subgroup |
| 6576 | Audio Player Record Option - date/time now included in the file name by default |
| 6584 | Image replace in DT (when using a Zball) displays "yes to all" message box instead of multiple message boxes |
| 6591 | Cross Plot Property Dialog does not error when clicking on Envelope names |
| 6608/7056 | Stripchart time bar no properly lines up with grids when enhanced pen is visible |
| 6618 | Test Point Action on Start - reset derived working correctly |

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| 6619 | Data Export of ASCII exports text properly to Excel and csv files |
| 6638 | Frequency Plot - Fixed Block Single Waterfall Magnitudes are displayed correctly |
| 6639 | Frequency Plot - Cycling through the data display modes of Fixed Block no longer crashes application |
| 6630 | CDS - Verified that IAPS behaves correctly with OS90 |
| 6644 | Copy and Paste of IAP parameters renames them correctly |
| 6679 | Analysis Window: Floating Window Style no longer cuts toolbar in 1/2 |
| 6682 | GetValue - Function now works correctly in a derived parameter used in the ICAW display |
| 6685 | Desktop Delete: Automatically creates a backup copy (into the Temp directory) of desktop before delete |
| 6694 | Configuration Tool - adding comment to a cell is no longer changing the cell text |
| 6707 | CDS - User can DISABLE_TIME_VALIDATION option for the custom data source |
| 6711 | Frequency Plot - Stripchart Filter Freq GUI - no longer crashes if Frequency Plot is attached to an inactive Stripchart |
| 6720 | Configuration Tool – Entries with spaces paste correctly now |
| 6733 | Go To Definition on the Mesh object now shows parameters attached to the nodes |
| 6739 | Submenus in right-click popup menus now work correctly if right click happens in title area of display while Analysis Window is unlocked |
| 6744 | ZBall dll register: File put into the ZBall "com" directory that isn't a ".dll" no longer locks up the client during load |
| 6745 | Missing table in configuration file no longer causes application to crash |
| 6754 | Alpha/AlphaTable/Annunciator – Now loading/using persisted Update Rate correctly |
| 6767 | AxContainer - Mechanism for user controls to negotiate initial drop size is now active |
| 6778 | StopWatch Control - displays correctly if time rolls through 00:00 GMT |
| 6781 | Config Tool - Global Parameter Replace now works correctly |
| 6794 | Configuration Tool Import & Export correctly handles pipe characters |
| 6812 | Data Export of data group no longer failing |
| 6821 | OpsConsole - If no clients exists on the network, the workstations now start quickly |
| 6823 | OpsConsole - defines where to store transient startup files |
| 6824 | Configuration Tool behaves correctly when you insert a row after the last row |
| 6825 | CDS: Corrected iads_concat64 trigger interpretation |
| 6854 | OpsConsole - Performance upgrades |
| 6898 | Get value for Text Input Object working correctly on shift drag into Stripchart |
| 6900 | Create Zball - "Zball was Created Successfully" dialog no longer displayed if it fails |
| 6901 | TMATS Import- entries displaying without being required to view Default settings first |
| 6908 | Global Parameter Replace option works correctly with new tables |

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| 6913 | Test Point - action on start - reset peaks now working correctly on peak hold Frequency Plot |
| 6915 | Test Point – now updating text on other client’s displays correctly |
| 6930 | Data Protocol - client can now get data from a 6.0 CDS (socket protocol) |
| 6933 | Query Builder – No longer displays duplicate entries |
| 6934 | Query Builder – Now stays on top of the other windows |
| 6938 | StartupWizard - wizard using machine name and IP address works correctly |
| 6939 | StartupWizard - Zball now copied to CDS |
| 6942 | OpsConsole: No longer locking up for any reason |
| 6943 | OpsConsole: On startup and recovery no longer deleting connected status objects |
| 6947 | DataType - Some data sets with incorrect header values now display message box |
| 6952 | Input Objects - ObjectsValue assigned to an overlay object now works correctly |
| 6953 | OpsConsole – Checks and corrects for file write permission before sending file |
| 6956 | ICAW – Now properly works when display already locked before data starts |
| 6957 | Configuration Tool - Deleting large number of rows now works correctly |
| 6963 | Multi Graph Control – Solid back style displays correctly |
| 6980 | Library: ability to delete all objects from the library |
| 6985 | Alphanumeric Table - Label Only mode now allows a comma and a pipe in the label and saves/loads properly |
| 6988 | Button Input object - “text when pushed” now displaying correctly |
| 6989 | Stripchart attached to Frequency display – When an excitation signal is dropped on the Frequency display it no longer replaces the parameter in the Stripchart |
| 6990 | Mesh Control - once parameter is assigned it can now be removed from the point |
| 7046 | ICAW – Reload of input file parses correctly |
| Bug Fixes – RT Station | |
| 6853 | Multi-channel video fixed |
| 6948 | IadsStartWizard succeeds if Acra CF DLLs fail |
| 6903 | Lumistar out-of-sync no longer presents time lag |
| 6851 | AcraCF now allows an individual event to be selected from IadsStartWizard |
| 6762 | IadsStartWizard now persists in client on Win2003 |
| 6966 | IadsStartWizard correct environment path being set |
| 6763 | Data now flows without a Lumistar lock (data source) |
| Limitation – RT Station | |
| 6823 | Multi-channel audio not available |