



Release Notes Version 6.5

Release Date: October 1, 2009

1. Use of the IADS Client (including its use as an IAP Server) on the Windows 2000 Operating System may require installation of gdiplus.dll from Microsoft. GDIPlus.dll may be obtained in the .NET Framework 2.0 SP1 GDIPLUS.DLL Security Update from Microsoft at: <http://www.microsoft.com/downloads/details.aspx?FamilyId=215B73A3-46AB-44A8-A0FB-6D37BD1C39B8&displaylang=en>
2. The IADS Configuration Cleaner executable is no longer included as part of the IADS installation.
3. The Post Test Data Server (PTDS) *Convert Configuration File* option no longer exists; configuration file conversion is performed automatically by IADS when the config file is selected in the PTDS.
4. To output ascii values in Matlab, the user will need to add \\MatlabExportType=Vector to the Data Group property bag.
5. The Caching Data Server (CDS) no longer auto-launches the Omega IOM.
6. To support the new L3 System 500 feature #7705 *User Defined Time Word*, an upgrade to the IADS setup that runs on the system server (prnHelp) is required; please contact SYMVIONICS.
7. IADS does not support nulling for aperiodic, discrete, blob or ulong parameters.

NEW FEATURES		
CDS		
4247		Changing a Parameter Defaults State to true now enables parameters in real time
7705		L3 550 System 6/7/8 - Allows user defined time word; requires IADS setup application (prnHelp) located on 550 System server
7707		L3 550 System 6/7/8 - Parameter threshold values now propagate
7708		Parameters are now added to the configuration file via the Parameter Attributes Dialog
7915		CDS now processes data according to each data sources time
8066		Changed the criteria for determining the lack of remaining disk space from a percentage to megabytes
8236		Packet archive location can be specified in Startup file

	PACKET_ARCHIVE_LOCATION
Operator Console	
7585	<i>Flight Date</i> mission attribute is set to the current date when the CDS Data Gather is started at the Operator Console
7855	New warning if data exists in the destination directory when you select it in the Start Wizard
8376	New message warns the user if the destination directory they select contains data from a previous session
Client	
6929	New Configuration Tool Filter capability
7159	New Standard Gauge properties <i>Alarm Ranges</i> , <i>Normal Ranges</i> and <i>Warning Ranges</i>
7508	Exporting multiple Test Points to Excel now creates a different worksheet for each export
7587	New Text Primitive <i>Text Format</i> property for the <i>Text</i> property
7607	New Text Primitive <i>Value Format</i> property specifications: %pParameter - specifies the Name of the attached parameter, %pShortName - specifies the Short Name of the attached parameter, %pLongName - specifies the Long Name of the attached parameter, %pUnits - specifies the Units of the attached parameter. Based off the parameter attached to the <i>Value</i> property.
7648	Can now specify a Cross Plot or Frequency Display envelope from a CSV file
7655	Table Import Dialog has a new <i>Single Cell</i> alignment option to combine each row into a single cell
7722	Interpolate functions now accept hex values
7729	The <i>Interpolate2D</i> function now allows CSV file input
7866	Can now scale <i>Face Label</i> text, <i>Scale</i> text and <i>Value</i> Text in the Standard Gauge
7886	New derived functions to return decom status given the stream name <i>GetStreamDecomStatus("StreamName")</i> or parameter <i>GetDecomStatus(param)</i>
7902	The ICAW Display has a new checkbox on the Filter Tab Property Sheet to enable or disable Sync Loss Protection
7930	Cross Plots and Frequency Displays now have a new right-click popup menu options to turn on/off plot title, X axis label and grids and Y axis label and grids. Also enabled <i>Show</i> checkbox on property dialogs to turn on/off the grids.
8048	Data export now supports BLOB data
8060	New derived functions to return a float from a string <i>Atof(param)</i> and return an Integer from a string <i>Atol(param)</i>
8090	Can now identify displays from the Desktop Summary report
8092	Can now position tabs at the bottom of the Display Folder
8123	Can now apply an equation or parameter as a baseline value when calculating the NullBias value of a parameter
8205	New Event Monitor option to output all events to an external log file in
8237	New <i>Save Configuration</i> function in IADS automation interface
8251	New generic 3-D Model; customers can now import their own specific 3D Model data

8194	Several new 3D Models added
8325	New CSV Import option in Data File Viewer
RTStation	
7781	New checkbox in Start Wizard to disable archiving of data
7589	Implemented IADS parameters <i>DECOM_STATUS</i> and <i>_IadsDecomStatus0_</i> for Lumistar, GTSDEC and SAMDEC data sources
8243	New checkbox in Start Wizard to popup warning message before overwriting existing data in the destination directory. This check box will only appear if the user has not already selected “Prevent overwrite of data archive” earlier in the IADS Start Wizard
BUG FIXES	
3621	Parameter Tool no longer leaves gaps between panels when resizing
4106	Warning/alarm system now functions correctly in Multi-Graph display vertical slider mode
4315	Setting cell properties in Alphanumeric Table to <i>Label</i> or <i>Data</i> only no longer resets itself on a parameter drop
5909	Corrected duplicate row issues when importing Desktops with multiple users connected
5947	Corrected Standard Gauge major/minor tick mark issues
6025	A Nyquist Plot created from a Frequency Response Plot now inherits property settings
6324	RTPFP F22 Model <i>Show Flap Value</i> property true/false options now function correctly
7173	Active tab now persists in the Display Builder
7175	Moving multiple data displays and then undoing the move now returns them to their correct location
7357	When creating an IAP in the Operator Console and an incorrect executable is entered a more descriptive error message is now displayed
7373	An IAP OA parameter can now be used to trigger another IAP OA equation
7420	Event Monitor counter now resets when the condition is false
7447	Dashboard no longer repositions itself above windows taskbar after computer is locked
7629	Copying a row in the Data Groups table and pasting no longer leaves the same Data Group <i>Name</i>
7741	Derived equation with multiple aperiodic parameters now functions correctly
7746	When using the Identify Display option, a tab that is not visible in the Display Folder is now highlighted
7763	Displays no longer migrate off the bottom of the tab display when the folder title is turned off
7793	If the Text Object <i>Freeze State</i> property is driven by a parameter it now unfreezes when expected
7938	The Post Test Data Server and the client in Local Mode, corrected an issue where an incorrect data file was identified for a parameter
7991	Incorrect linear interpolation property translations in the Property Dynamics Wizard no longer cause unexpected behavior in other properties

8010	Duplicate parameters are now handled by the Configuration Tool
8065	Stripchart <i>Visibility</i> property no longer fails when Stripchart is invisible
8095	Time on Stripchart no longer disappears/reappears with mouse over
8100	Setting the Text Primitive <i>AutoSize</i> property to <i>SizeBoxToFont</i> no longer leaves artifacts on the window when resizing
8118	Event Monitor now handles equations with a pipe symbol character - ' '
8134	Corrected Server and PortId errors in Operator Console Startup file
8135	64 bit integers no longer fail on ActiveX Displays due to precision cast between integer 64 and double
8139	Disconnecting the network cable no longer has an impact on PCM data acquisition in RTStation
8141	Right-click <i>Paste</i> in a database cell now works like Ctrl+V
8144	Derived Parameter Server IAP parameters now function correctly with ASCII data
8154	The Post Test Data Server no longer overwrites the Mission Attributes table in the config file from information in the IadsArchiveInfo.txt file
8187	Bulk Message Viewer can now switch quickly between data formats
8188	Importing ICAW files without headers now warns the user
8190	The Display Folder tab no longer draws into panel and overwrites displays
8199	The Action Object's script option now includes an Argument2 as an additional way to insert an item into the script command line
8211	Corrected GetValue function error on "extended" properties (height, top, etc...)
8216	Importing many Analysis Windows no longer causes IADS to exit unexpectedly
8220	The RTStation Start Wizard in kQuicklook no longer displays the <i>Prevent me from overwriting previous directory</i> checkbox
8224	<i>ConfigQuery</i> function now returns ASCII values
8282	The IADS Decom Status value is now correct when no sub frames are defined
8299	The Test Point Log <i>GoTo Time Next Row</i> button now resets the chart speed when the Analysis Window is not frozen
8306	Configuration Tool now accepts changes to capitalization in a string
8312	Corrected HDF5 import issue
8322	The IADS Audio Video Server no longer fails to record audio when using the Videum Quattro card when /quattroAudio command line switch is enabled
8336	The Identify Displays feature now highlights individual cells in the Alphanumeric Table
8339	The Stripchart <i>Order Analysis</i> compute option no longer fails when RPM parameter trends down in value
8353	Event marker text no longer displays incorrectly above the event marker line
8369	The Spike Correction <i>Slope Detection</i> method now resets state when data flow shift occurs
8326	The Operator Console is now able to execute iads.exe at a user defined location
8403	Text file (tab delimited) import now functions correctly in Post Test Data Server

