



New Features and Bug Fixes for Release Version 5.3.3

Release Date: January 14, 2007

Display	
4253	Configuration Tool key hits: Ctrl+F Find Dialog and Ctrl+H Replace Dialog
6498	Frequency Domain Display Flat-Top Windowing option
6617	Gulfstream G550 and BA-609 Aircraft Models
RT Station	
6661	Start Wizard
6708	Video with Acra CF card
6709	Audio with all video
Bug Fixes	
5848	Frequency Plots and Frequency Response Plots no longer stall on startup when using Kaiser-Bessel window
6511	Fixed problem with using 'CurrentTime' function in a derived parameter with very large sample rates
6295	Dropdown in ActiveX property dialog now updates properly when the Name property is edited
6402	Frequency Plot Dynamic Autoscaling now works correctly
6446	Problems with derived functions GetData and GetDataStatus have been resolved
6493	Filter Frequency GUI selection bars now display correctly when saved on a tab – also affected SARMS
6514	Fixed potential crashes on login

6562	Fixed problem with constant derived equation not getting data in Auto analysis Frequency Plots
6564	CDS: No longer updating validation log on “unable to locate” parameters
6569	Fixed problem with ActiveX property dialog for properties that required typed values (i.e. x/y/width/height/text/etc) if the user didn’t hit ‘enter’
6589	Configuration Tool no longer gets into a hung state where you cannot edit cells
6594	Added missing ‘Elapsed Time’ property to Stop Watch control
6601	Slider display now shows current data value even if %LL is turned off
6614	Derived Function GetValue now works properly when used as a parameter in another function
6616	Fixed problem with adding Dynamics translations for Numerical Equations (Advanced). In certain cases it crashed the system.
6628	‘E’ key hit in Stripchart now properly edits the selected overlay
6630	Fixed problem with IAP parameters not processing with OS90 front end
6438	IadsMultiGraphControl now clamps data to the edges of the display in bar graph mode
6645	Resolved potential save order issues with Parameter Defaults State table
6710	RT Station - Fixed problem with “short fast frames” and Acra SAMDEC
RT Station Limitations	
No inverted PCM or clock	
No sub-frame synchronization methods except sub-frame ID	
No 12 bit PCM	
No automatic concatenation of TTC words	
When loss of lock occurs frequently with SAMDEC (e.g. many time drops) time will skew	
If high rate parameters are mixed with low rate parameters in the Acra Compact Flash, the low rate parameters will appear “jerky” on the client workstation while the data is capturing	
Acra CF data source cannot accommodate time breaks yet. Time will continue rolling across breaks	
Behavior for multiple KAM video cards and multiple IENA sources is untested	

We discourage the use of the video server over wireless networks; doing so can result in a “jerky” quality to the video and time lag. For computers equipped with enable wireless network interfaces, please make sure that the *wired* network interface appears first in the network order. To do this go to Start Menu | Control Panel | Network Connections | Advanced | Advanced Settings and push the wired network interface (generally called something like ‘Local Area Connection’) to the top of the list.

The IadsTppSetup files support the InstrumentReference tag for XidML data sources as a placeholder only. No hashing by instrument reference is actually being done yet. This will be further supported in a future release.