



New Features and Bug Fixes for Release (Version 5.0)

- Display** (3180/81/82/83) Logged data now includes units in the header Information for the Frequency, Octave band, Nyquist and Frequency Response plots.
- (3776) New find feature in Dynamic Wizard
- (3686) JSF Models all 3 variants ("X" Version)
- (3973) Ability to go to a portion of a display or an Analysis Window with a Button click.
- (4092) Zoom in on Active X displays using Ctrl+rope zoom (similar to Strip chart).
- (4147) More input controls now available, including; Spin box, Drop down list, Radio button, Dial, Action, and Slider.
- (4267) Ability to resize and move Active X displays using the keyboard (Ctrl+arrows to move; Shift+arrows to resize)
- (4317) Alpha Table - right click option to view popup of selected cell or cell that has cursor over it
- (4324) Cross Plots - current envelope names can be displayed on the plot
- (4325) C5 model display - upgrades, including; gear, flaps and control surface color changes.
- (4395) T50 model display - flap colors added
- (4452) Ability to align Active X displays tile horizontally/vertically

(4467) Stick Force - show Latitude/Longitude vectors
(4472) New LED display
(4473) Active X displays have user definable hints
(4482) New “Layering” architecture for all ActiveX displays
(4495) PSD – new Filter Frequency user interface
(4506) Bar Graph – color mode allows for separate colors
(4508) Alpha Table - menu choices added to clear out dynamics/translations when parameters are deleted or replaced
(4519) ICFB - additional file format now available and the file can accept derived parameters.
(4581) New dialog for ActiveX display Layering, Edit and Component Library
(5.0) (4583) Active X right-click menu displays a symbol if a parameter is attached to a particular property
(4640 /4663) New Bell UH-1Y model display
(4664) Moving Map – user can now type in Latitude/Longitude values for markers
(4672) Octave band - The Y axis scale type is disabled on the property sheet when the DB scale type is enabled.
(4685) Moving Map - now supports 3 targets
(4690) Grid button on the RTPFP F22 and the F16 now toggles through grid sizes.

Analysis (4465) Improved elliptic filter stop band frequency synthesis
(4599) New Flutter Sweep Processing capability
(3974/4361/4526) new Real-time Randomdec analysis capability

Configuration (4400/4067/3987) Parameter Tool - ability to assign parameter names to multiple groups and subgroups

(4477/4596) Import Desktop/Analysis window allows multiple simultaneous import files with multiple select in dialog

Configuration (1082/3967) Ability to copy/paste columns from Excel into the
Tool Envelope Table and put X/Y columns into the correct order.

(2252) IADS Logs - column width now saves

(2940) Ability to multi-sort in configuration tool parameter defaults tables.

(2949) Drag and auto fill columns similar Excel

(3213) Parameter Defaults - table now displays a bubble like hint if the derived equation is incorrect

(4006) Search and replace every instance of parameter name.

(4199) View menu now allows you to turn off/on edit warnings for invalid derived and duplicate parameter names

(4573/1082) New Table Import Dialog features, including; delimited options, alignment options, import type, table preview, and the ability to resort columns on the fly.

Client (3210) Decom Status can now be used extensively in derived parameters.

(3427) Expanded IADS parameters data types, including; double, Binary object, ASCII, long and unsigned long

(3863) Dynamic Wizard - scaling feature added

(3989) Standard TMATS can be used to import and update parameter defaults table.

(4189) Intra-maneuver capability to set event marker on stores separation.

(4353) Expanded Data Export options, including; parameter name, long name and short name

(4385) Added new custom data export for LMAero-Fort Worth simulation file type.

(3990) Mission Attributes can be used as a parameter.

System (4453) Post Test Data Server - refresh sample rate capability
(5065) Ability to run data from the TEMS facility to the new JSF control rooms

Caching Data Server (4591) New CDS to MCS data Interface
(5080) New CDS developers kit, with examples for various data inputs types, including simulator and range facilities
(4591) New Custom data interface, support for Binary objects and 64 bit data.

Operator's Console (3990) New Mission Attributes dialog and process control
(4592) Support for new MCS status interface
(4629) Operator Console now includes T-38 option
(3990) Support for large control rooms, including 1) reworked control objects 2) Reworked room configuration input 3) Support for multiple servers and configurable connections.

Documentation (4547) Help system now available on all Active X properties sheets
Updated all release documentation, included Software Version Description, Users manual and on-line Help system

Bug Fixes Drawing Package: If you right click property a display and it's already in the property editor, the editor doesn't "BringToTop"
(4694) Update all 3-D model displays to be visually consistent.
(4701) Primitive Dynamic Wizard - ability to see the entire name of the parameter in a popup
(4201) Polygon and Line primitives have bounding rectangles for easier resizing
(2248) Import/Copy/Paste was slow on large files, optimized for speed
(3494) When display is invisible a different type of box is display when window unlocked
(3662) Use Version independent COM ProgId's
(3871) Items in the parameter default list that should not be edited by users are no longer editable.
(3953) Universal cursor no longer crashes system on rapid mouse movement.
(4065) Button input control now increments data in Strip chart properly
(4101) Text controls now allow \$ and # symbols
(4108) Audio Player – “never freeze” property now works properly.
(4166) Polygon/Line - creation mode no longer sticking when not finished to perform another task
(4182) Configuration validation is now validating ActiveX Controls

table

(4207) Triangle primitive - with gradient set and a rotation of 180 no longer leaves a white line on the control.

(4213) Multi-graph display - when alarm/warning are set to off, the display will still update in the normal range.

(4272) All Model displays - zoom in/out now clamps to leave the model visible

(4302) Various Drawing Package issues: 1) Names changing in controls, 2) hover over points was not always changing the handle on the line, 3) removed red translate dot on picture control, 4) clamping the floating point values in prop sheets, 5) Rectangle transparency now works with solid and gradient, 6) Copy/Paste of groups not sequentially Numbering the paste control, 7) condensed some of the controls that get saved with primitives to save space.

(4319) All Model displays - scale and rotation factors now saving properly

(4342) Text input controls - now working when used in a derived equation

(4350) Smart Import - now has an undo feature

(4351) Frequency Plot – play from here options now works correctly

(4396) The correct Property Sheets now displays when selecting from layered displays.

(4401) All Primitives - border styles are now consistent with transparency setting

(4408) AMX Model display - the incorrect flap was being animated when the value was changed left would animate right.

(4415) Dataviews Batch Convert - navigation box is no longer under the active window

(4419) Newly created Analysis Window now saves/reloads properly

(4428) Native Dataviews displays in IADS - was saving a member variable that was saved as 0 to Null.

(4432) Reduced internal usage of GDI handles in order to increase maximum displays simultaneously possible

- (4434) Stop watch buttons now work properly, they are no longer gray out when the Analysis Window is locked
- (4436/4437) Multi-graph display - margins set to zero are now displaying no margins and reloading properly
- (4440) Importing desktop/analysis windows now updates the parameter default state table.
- (4449) Archive Information now saving properly with compressed data
- (4450) Bar Graph display - Gauge Custom Cell now disabled for parameter input
- (4454) Play from here disabled in real time
- (4466) Stick Force display - the back color and the grid color are now separate.
- (4470) Lear Jet model display - had windows missing on left side.
- (4471) Fixed several user interface issues in dynamics wizard such as; scrolling and tabbing
- (4472) Text LED display - now has new version of property sheet
- (4485) Resizing of primitives and composites no longer drifts or distorts.
- (4487) Stick Force display - parameter drop now matches properties sheet
- (4489) Stick Force display - show angle values no longer get clipped by edge of display
- (4509) All Primitives - rectangle corner rounding better defined.
- (4523) Frequency Plots - copy/paste no longer resets scales on y axis
- (4535) Importing Analysis Window - now minimizes current window to prevent saving problems
- (4558) Parameter Defaults – search now allows commas and spaces.
- (4559) Fix crash when parameter was dropped from an imported data set
- (4560) Active X display property sheets now always stay on top

(4565) Test points actions on stop export to CSV no longer locks up system on data lengths greater 1000

(4571) Audio player now mutes when on non-displayed tab

(4578/4733) Text Primitive - size font to box now rendering properly

(4584) Dial display - needle present on initial drop of display

(4593) RMS stopped working because of new filtering capability

(4604) Import/Export of blank desktop now saves

(4605) Frequency Response Plot - now created with dynamic scaling off by default.

(4610) Dynamics Wizard - help text is now being displayed on remove all button.

(4611) Frequency Plot - X axis settings now present with a copy/paste

(4616) Frequency Plot - no longer updates when window is frozen and RMS is turned off

(4636) Line Primitives - that contain dynamics always draw properly

(4642/4643) Derived equations - now handle strings greater than 100 characters. Does not crash application during validation.

(4645) Strip chart display - with load limits turned on "Z" key hit now shows max for greater than 30 seconds in real time

(4654) Text input primitive - now export with the Analysis Window

(4666) Moving Map - target property no longer crashes application when color changed

(4667) Moving Map - properties are now correctly changing assigned target.

(4676) Extended properties with attached parameters now saving

(4677) Text primitive - text now updates properly when the dynamics are set.

(4687) Analysis Window - right-click lock now locks primitives.

(4694) All Model Displays - Standardized all properties

(4882) Octave Band display – “S” key hit now working on frozen data

****Note** The Shockwave application is no longer part of the IADS installation. If a licensed version of Shockwave does not exist on the workstation the displays will not be run.