



Impact:ECS version 6.2

New Features Documentation

Impact:ECS version 6.2 offers a wide range of new features to improve the overall user experience. Whether you work with Impact:ECS as an administrator, model builder, programmer or core user, you will find benefits to upgrading to the latest release. We have intertwined the feedback from customers with advances in technology to offer you a more robust and flexible cost management solution.

Highlights of the latest release include:

New customizable client interface with enhanced navigation features to access and view data.

Improved methods for sorting, filtering and viewing data for analysis.

Advanced model building and administration capabilities to improve system performance.

For more information on Impact:ECS, visit www.3csoftware.com.

Impact:EDC v6.2 New Features for Core Users

Look and Feel

Feature	Description	Feature	Description
Application Themes (Skins)	Users can now customize the look and feel of their toolbars and menus by selecting one of three preset themes: Office 2000, Office XP, and Office 2003.	Auto Hide Dockable Panes	The new auto hide dockable panes feature allows dockable panes to automatically hide or collapse when not in use. This optional feature provides users with increased screen space.
New Dialogue Boxes Support XP Themes	Each dialogue boxes has been redesigned and reengineered to fully support Windows XP Themes when available to give an updated look and feel throughout the entire application.	Customizable Menus And Toolbars	Impact:EDC's new toolbars and menus are now customizable, giving users advanced control over their appearance and layout.
Tabbed Windows	The new tabbed windows interface allows users to view all of their open documents in horizontal tabs across the top of Impact:EDC so users can easily switch the window viewed.	Tear-Off Menus And Toolbars	Tear-off menus and toolbars allow users to easily float menus and toolbars in separate windows, providing a workspace that is easy to manipulate.
Vertical And Horizontal Window Tab Groups	Similar in concept to split-views in Microsoft Excel, users can now easily view multiple items in a side by side comparison mode using window tab groups. Both vertical and horizontal window tab groups are supported, providing users with additional options for different usage scenarios.	Show Or Hide Individual Toolbars	Impact:EDC allow users to customize the applications by showing and hiding individual toolbars. Impact:EDC provides three preset toolbars: Standard, Formatting and View.
Dockable Panes	The new dockable panes feature allows users to customize the layout of the Impact:EDC work areas by controlling the position of individual panes or window elements.	User Defined Toolbars	Impact:EDC allows users to create their own custom toolbars at anytime.
Dockable Panes Guide	Impact:EDC displays guides (or icons) that assist users when they attempt to drag (or move) dockable panes to a new location. Users can drag dockable panes to a new location by moving their mouse while selecting and holding down on the dockable pane's title bar.	Drag And Drop Items From Menus And Toolbars	Impact:EDC provides users the ability to drag and drop commands from the toolbars and menus giving users a convenient way to populate their user defined toolbars.
Tear-Off Dockable Panes	Dockable panes support the unique ability to float panes independently mimicking the functionality found in applications like Adobe Photoshop. Users can tear-off or float dockable panes at anytime by double clicking the title bars.	Rename, Move And Delete Menu Items	Users now have the ability rename, move and delete individual menu items, allowing for a wide range of usage scenarios.
Tabbed Dockable Panes	Users now have the ability to organize dockable panes into tabbed groups. This feature helps users maximize their screen real-estate by conditionally showing selected dockable panes. Users can group dockable panes into tabs by dragging one dockable pane into the center of another.	User Defined Keyboard Shortcuts	In addition to Impact:EDC's predefined keyboard shortcuts, users now have the option of assigning their own user defined keyboard shortcuts to individual menu items.
		External Tools	External tools provide users the ability to access external applications (like Microsoft Excel and Internet Explorer) directly within Impact:EDC.
		Custom Help	Custom help provides users the ability to access custom help files directly within Impact:EDC.

Impact:ECS v6.2 New Features for Core Users

Navigation

Feature	Description	Feature	Description
Folders Pane (Tree View)	The new folders pane allows users to freeze their tree-view explorer on either side of the application. Additionally the new folders pane supports the ability to view individual items (up to 100) in the tree-view itself.	Improved Performance For Large List View Results	Users can now navigate folders with thousands of items in a fraction of time as a direct result of dynamically paging the list view results to display data on a as needed bases. This process is conceptually similar to how web search engines (like Google) display extremely large result sets. Impact:EDC improves upon this design by binding the paging events directly to the list view navigational controls, making this new navigation feature completely seamless to the end users - except, of course, for the improved performance.
Shortcuts Pane	Similar to the Favorites menu in Internet Explorer, the new shortcuts pane gives users easy access to items that are accessed frequently. Users can easily add items to the shortcuts pane by dragging and dropping them from the main window.	Open Multiple Items At Once	Impact:EDC now allows users to open multiple items simultaneously.
Tasks Pane	The new tasks pane allows users to monitor the progress of all of their server tasks from a single location.	Select Columns To Display In Details View	Users can now select the columns and order desired in the details view of their main window, providing additional screen customization.
Message Log Panes	The new message log panes sport a brand new auto-flow text format, complete with message type icons. This new layout improves the legibility of the individual messages and makes it easier for users to decipher messages by fully replacing the entire message log at the beginning of each new task execution.	Filter Details View	The new filter view allows users to search for specific items by limiting the results displayed in the details view.
Hide Inaccessible Folders	Hiding inaccessible folders makes it easier for users to locate information by displaying the only the folders that they have permission to access.	Open Dialogue Box	With the re-introduction of the Open Dialogue Box, users can once again quickly open items without using folder navigation. Additionally, the Open Dialogue Box's new auto-complete feature helps users quickly find what they're looking for.

Impact:ECS v6.2 New Features for Core Users

Other Improvements

Editable Details View	By permitting in-cell editing in the details view, users can update the identification field values for several items at once.	Select Folders For Print Preview	Users can print preview individual reports by double clicking them in the main window.
Rename Tree And List View Items	Users can rename existing items directly in both the folders view and the main window.	Column Headers For Item Grid Copies	Now users can choose to include column headers when copying information from Impact items.
Copy And Paste Items	Users can now copy and past items directly in the folders view and main window.	Undo And Redo Item Edits	Users now have the ability to undo and redo item modifications if changes have not been saved.
Print Preview Specific Reports	Impact:EDC makes it easier to print preview a specific report.		

Impact:ECS v6.2 New Features for Administrators

Feature	Description	Feature	Description
Copy And Paste Models	In addition to allowing users to copy and past Impact items, Impact:EDC not provides server administrators with the ability to copy and paste entire models. This feature is supported on both the local server and remote servers provided that users are server administrators on both machines.	Logon To The Server Using A Different Windows User	To assist administrators in testing and deploying this security model, Impact:EDC now supports the ability to specify different Windows user accounts when logging on to the server.
Attach And Detach Models	Server administrator now have the ability to attach and detach Impact models from their underlying databases. This feature is extremely useful if administrators are restoring models during disaster recovery operations.	Display Server Aliases	To assist administrators in setting up and configuring end user machines, Impact:EDC supports the ability to give Impact servers an alias in the Server Connection Properties dialogue box.
Single Session Mode	Model administrators can place models in a single session mode, disallowing any outside client activity to execute mission critical tasks safely.	Low Bandwidth Networks	Users that connect to their Impact servers over low speed network now have the ability to configure their clients to reduce network traffic during server communications.
Start And Stop The Impact:3C Server Service	Administrators now have the ability to stop and start the Impact Server service directly within Impact:EDC.	Support For Windows XP Service Pack 2	Impact:EDC fully supports clients running Windows XP - Service Pack 2. This service pack addresses a large number of security vulnerabilities on the Windows XP operating system.
Server Level Groups	Impact supports server level groups to clarify the difference in the roles and responsibilities of server level administrators and model level administrators. Additionally, model designers may use this new organization to synchronizing model group memberships with server group memberships thru scripts.	Model Auditing	Administrators now have the option of fully auditing their models. Model auditing consists of capturing and reporting the activities of individual users and events. This feature has been designed to assists companies in their efforts to comply with the Sarbanes-Oxley act passed by the SEC.
		Send Messages To Active Users	Model administrators can directly communicate with active users by sending them a pop-up message box.

Impact:ECS v6.2 New Features for Programmers

Syntax Highlighting	Programmers will benefit from the improved legibility in Script Modules and Queries with syntax highlighting that changes the font colors for reserved words and comments.	Message Boxes In Script Modules	Programmers can benefit from the ability to display message boxes in Script Modules. In the event that a message box is displayed with no user is present to dismiss it, Impact will resume task execution after a brief period of in activity.
Auto Indent	Script Modules now support the ability to automatically indent the text for new line items. Additionally, programmers increase or decrease the indentation for multiple line items at once.	Insert Sorted Table Records	Script Module authors can easily insert sorted table records using the new InsertSorted Table method.
Lookup Table Records	Script Module authors can easily locate individual table records using the new Lookup method exposed by Impact Tables objects.	Support For Session Variables	Programmers now have access to in memory session variables. This allows programmers the ability to remove or omit factors that are only required for temporary data storage purposes.
Delete All Table Records	Script Module authors can easily clear all table records using the new DeleteAll method exposed by Impact Tables objects.		

Impact:ECS v6.2 New Features for Model Builders

Feature	Description	Feature	Description
New Formatting Menus And Toolbars	The new formatting menus and toolbars makes it easier for users to quickly adjust the appearance of Impact items.	New Factors Are Accessible In Calculations	Predefined item type factors that were once only available in Script Modules are now accessible in Calculations giving calculations access to every field that is available in the main window details view.
Autofit Column Widths	Model builders can now benefit from the ability to automatically adjust multiple column widths simultaneously.	Delete Impact Table Records In Calculations	Calculations now support the ability to delete Impact table records.
Grid Outlining	Model builders can now organize grid rows into hieratical groups so model builders can suppress details that are not relevant to a particular user group.	Reference Database Tables In Calculations	Calculations now support the ability to execute database queries. Additionally, Calculations and Queries also provide the ability to insert, update and delete database table records with parameterized queries.
Lock Cells	Model builders can now prevent undesired grid modifications by locking individual cells.	New Table Field Name Syntax In Calculations	Model builders no longer need to reference Impact Table field names with T1,T2 syntax. Calculations now support a Table field name syntax in the form of Table.DataField1, Table.DataField2.
Define List...	With the ability to define lists for individual grid cells, model builders can now restrict and simplify user input by only allowing them specified options by using a Browse Button, Dropdown List or Editable Dropdown List. Additionally, defined lists support the following data sources: Query and Table.	New Memory Register Syntax In Calculations	Model builders no longer need to reference in-memory registers with the M1,M2 syntax. Calculations now support an in-memory register syntax in the form of Temp.DataValue1, Temp.DataValue2.
New Item From Template...	A typical Impact installations involves creating item templates that contain the structure and detailed settings for different types of Impact objects. Model builders can now help users simplify the process of creating new items from templates.		
User Defined Identification Fields For All Item Types	User defined identification fields are now available for all Impact item types so users can display custom information in the main window's details view.		