

GENESYS 4.0 Service Pack 3

31 May 2016

In order to best serve our user community, Vitech releases the initial service pack 30 days after product launch with subsequent service packs released every 45 days thereafter to resolve errors identified and add minor capability enhancements.

Fixed bugs are grouped by area with a description of the main symptom observed. This service pack includes several important fixes for import/migration and diagrams as well as improvements for the web server. It is recommended that you install this service pack.

We incorporate capability enhancements throughout the service pack cycle. We hope you will share your ideas with us by emailing our Customer Support team at support@vitechcorp.com.

Unless otherwise noted, the installation of Service Pack 3 is the only action required to resolve the problem. This service pack is cumulative and includes all changes released in Service Pack 1 and 2.

Reference	Description / Resolution Notes
Diagrams	
Class diagram – showing a reflexive relationship (10176)	When a reflexive relationship is added to a class diagram an error is reported and the diagram does not display.
Class diagram – fourth connection is not orthogonal (10177)	Adding a fourth connection to an entity results in a non-orthogonal line even when orthogonal lines are to be used.
Deleting an exit branch from a functional diagram (9999)	When an exit branch is deleted from an Activity, FFBD, or EFFBD diagram an error can occur.
Interface N2 diagram – cross-project interfaces (9859)	When an interface resides in a different project and is updated, the diagram does not refresh.
Node settings on Class diagram (10128)	The settings in the property tab for node do not affect the diagram.
Requirements diagram – adding relationship to cross-project entities (10082)	When an entity that resides in a different project is shown on the diagram an error is reported when a “New Entity” is dropped on it.
Package diagram – adding cross-project entity (10236)	Dropping an entity that resides in a different project results in an error.
Import / Export	
Importing CORE file creates default Component (10275)	When importing a CORE file and creating a new project, Component “System Context” is being created which can cause conflicts with the incoming data.
Previous Use Case diagram stored views (10127)	The stored views imported from GENESYS 3.0 are not correct. These stored views are now cleared when importing them.
General	
Advanced Passwords Rules (6004)	Added more capability options for Administrators on password rules.

Reference	Description / Resolution Notes
Creating relationship with read-only entity (10180)	Cannot add a relationship with a read-only entity.
Forcing sessions closed causes error (8899)	When a session is forcibly closed an error is reported.
Insert parameter when using text editor (10240)	Using the text editor does not allow insertion of parameters into the text.
Job monitor does not show remote repository jobs (9870)	When viewing the job monitor only local actions are displayed even when repository selector is changed.
Transforming an entity does not recreate all relationships (10121)	Some relationships that should move with a transformed entity are not created.
Technology Support	
Connector roaming profiles (10280)	When using Windows roaming profiles, connector login settings are lost after logging out of windows because they are stored in the local profile.
Server repository already exists (10235)	When the server repository already exists, the installer returns an error and will not complete.
Reports / Report Editor	
Diagrams output list (10080)	The available diagram types are not alphabetized.
Extended characters in TeamView (10000)	Extended characters are not output correctly in TeamView causing errors in the display.
Generic table not using newly selected parameters (10003)	Changing the parameter selected when running the Generic Table Report does not show the correct output.
Node overlay in TeamView (9961)	Node overlays in TeamView are offset and not directly displayed on top of the nodes in diagrams.
SSS listing all Document entities (10172)	When running the SSS Report all Document entities are being listed in the parameter selector. Only Documents of type should be shown.

Description of Changes Included in Service Pack 2:

Reference	Description / Resolution Notes
Technology Support	
Roaming profiles (9983)	When using Windows roaming profiles, server settings are lost after logging out because they are stored in the local profile.
SQL 2014 (9975)	The installation script when using SQL 2014 will error and not complete.
SQL Server Security (9988)	When SQL Server Security is specified for service login on installation, the GENESYS configuration files are not updated to include the correct information.
Diagrams	
Large stored views (10120)	Large stored views can error when being opened if all information is not cached.
Remove command availability (9865)	The remove command is not consistently available across all diagrams.
Remove command errors (10075)	Errors can occur when trying to remove objects from diagrams.
Title bar information (9847)	The title bar does not show enough information.
Class diagram association color (9962)	The UML Association coloring on the class diagram is not stored.
EFFBD – show resource option (9997)	The local setting for “Show Resources” is not stored.
N2 diagram – item number (10001)	When working with an Item representation on any N2 diagram, the number of Items represented is incorrect.
N2 diagram – node resizing (9984)	Increasing the node size does not increase the size of the node just the space around the node.
Requirements diagram – decomposition decoration (9976)	A requirement that has an origin of “Derived” or “Design Decision” is using the decomposition decoration in error.
Sequence diagram – right to left Item (9918)	The name of an Item that goes right to left on the diagram is not properly positioned on the line.
State diagram – recursive entities (10115)	When an entity is related to itself, the diagram displayed is empty.
State diagram – cross-related States (10117)	States that are in a related GENESYS project appear without the project designation.
Use case diagram – line coloring (9900)	Lines cannot be individually colored.
Use case diagram – auto-size (10101)	An error occurs when using auto-size on selected nodes.
General	

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DOORS connector – information retrieval (9965)	DOORS information is not being retrieved properly.
Erasing database (9858)	Erasing the database with open views will occasionally report errors.
Import/migration of large databases (9992)	Importing/migrating a large database can result in incomplete schema information.
Moving entities into folders in an edit targets dialog (10011)	An error occurs when moving an entity between folders in an Edit Targets dialog.
PUID Wizard updates (9872)	After the PUID wizard completes the open views are not updated.
Web	
Cross-project Entities (9989)	Entities that are in a related GENESYS project appear without the project designation.
Showing Root State and Root Function Views (9980)	The model assistant rule that shows the Root State or Root Function views for a Component is not showing the correct diagram.

Description of Changes Included in Service Pack 1:

Reference	Description / Resolution Notes
Connectors	
Cross-project resources in Project (9874)	Resources that are in a related GENESYS project appear in Project without the project designation.
Diagrams output in PowerPoint are fuzzy (9964)	Diagrams output to PowerPoint that are scaled down are fuzzy.
Incorrect catalog used from DOORS (9965)	When fetching the requirement schema from the catalog the wrong catalog can be used instead of the desired catalog.
Number of changes incorrect in Excel (9963)	Using the "Publish Changes" operation in Excel can give an incorrect count of changes made to the database.
PowerPoint installation issue (9971)	Installation issues are encountered relating to specific setups and account permissions especially when using Windows 8 or greater or Office 2016.
PowerPoint reporting diagrams not output (9966)	When iterating over different classes, invalid diagram selections for the class were output as errors (e.g., a use case diagram for a component). No notification should occur.
Diagrams	
Auto-size can alter orthogonal lines (9885)	Using auto-size on a diagram node can cause a node to shift slightly which can make an orthogonal line non-orthogonal. The line is now redrawn orthogonally after the node is sized.
Auto-size node not working correctly (9908)	The auto-size command for diagram nodes do not size the nodes correctly for the constraint BDD and parametric diagram.
Changing layouts causes view to shift (9915)	When changing the layout used, the diagram can be shifted such that nothing is viewable in the window. The diagram will now be centered in the window.
Changing levels with images and shapes (9857)	Changing the number of levels shown on a diagram where images and shapes are being used causes the images or shapes to come to the foreground instead of remaining in the Z order set by the user.
Changing port location on block diagrams (9818)	When moving a port to a different node side, the line can draw along the edge instead of being perpendicular as expected.
Edit Triggering Event command not available (9879)	When a transition (line) is selected on a state transition diagram, the Edit Triggering Event command is not available on the ribbon.
Note text color not saved (9854)	Note text color changes are not saved.
Note text editor not opening (9892)	On various diagrams a double click of a note, shape, or image does not open the text editor.
Relation text color incorrect on hierarchy diagrams (9890)	When viewing a hierarchy diagram, the node text color is being used for the relation label instead of the diagram text color.

Reference	Description / Resolution Notes
Remove Target with resource selected on an EFFBD (9868)	When a resource entity is selected, the Remove Target command does not remove the entity from the diagram.
Shapes/images and alignment commands (9914)	Alignment commands are not enabled when shapes and images are selected.
Top line of the node template on a class diagram (9906)	The top line of the node template for a class diagram is not centered.
General	
Closing project explorer on remote repository (9928)	When connected to a remote repository, closing the last project explorer does not log you out of that repository. Since we limit each user to one login per repository, you cannot log back into that repository until you exit GENESYS.
Duplicate entity with parameters (9851)	When duplicating an entity that has parameters, the duplicated parameters are not shown until the project is closed and reopened.
Migrating schema clears checker settings (9968)	When the schema is migrated (e.g., from 3.0 to 4.0), the new project has the default design integrity and completeness checkers. The selected checkers are now set on the new project.
PUID wizard sorting (9880)	When using the PUID wizard, entities without PUIDs are not being sorted numerically.
Resetting your simulation removes entities shown (9727)	After running a simulation, resetting the control panel resets the entities being shown in the timeline window. Now the selected entities will remain selected after a reset.
Schema editing permissions (9882)	When a schema is being edited, only the person who started the schema editing can shift the project back to database mode. Now any project administrator can shift the project to database mode.