

GENESYS 5.0 Service Pack 4

31 January 2018

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.

This service pack includes some enhancements that customers have asked for in the installer for the Collaborative Edition as well as offering a new installer for a GENESYS License Manager. The Collaborative installer will now not require that SQL Server Express be installed on the local machine. This will allow those customers who do not or cannot have local SQL Server installations the ability to install the GENESYS software and use it strictly with a server. This did change the installer for all users as the SQL Server Express installation will now happen at the end of the GENESYS Collaborative Edition software installation. If the customer changes their mind after the installer finished and now wants a local repository, they can either download the separate SQL Server Express installer from our website or rerun the installer and choose to install the SQL Server Express. If you have SQL Server Express installed and are only accessing a server, you can now uninstall the SQL Server Express software from your machine.

In this service pack we have fixed a couple of errors that were introduced in SP2 and SP3 with exporting and importing data, reports, and scripts. All of the bugs that have been fixed are grouped by area with a description of the main symptom observed. With the changes included in this release, it is recommended that you install this service pack.

We like to 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.

This service pack is cumulative and includes all changes released in Service Packs 1, 2, 3 and 4. Unless otherwise noted, the installation of Service Pack 4 is the only action required to resolve the problem.

Reference	Description / Resolution Notes
Enhancements	
Collaborative Edition without SQL Server Express	For those customers who want to use GENESYS to access a server only, we now have the ability for you to install the GENESYS Collaborative Edition software without having SQL Server Express installed on your local machine.
GENESYS License Manager	For those customers who want to manage their license on a separate machine from GENESYS, the GENESYS License Manager will allow you to activate and update those licenses.
Administrative Tools	
Group values update (11370)	An updated name or description of a group is not shown until the Administrative Tools dialog is closed and reopened.
Data	

Reference	Description / Resolution Notes
Random number stream (11431)	In the Random Number Stream User Preference, an invalid stream can be selected from the drop-down options, causing error "StreamId must be between 1 and 99. Parameter name: value".
Time zone change (11483)	After changing the time zone on a computer, trying to import a file exported from SP2 or 3 would finish with a conflict stating that the file is not a valid GENESYS file. Changing the time zone back to the original setting allows the file to import.
Diagram	
Save Diagram As using XPS format (11471)	When trying to save a diagram as XPS format, error "Object reference not set to an instance of an object" is reported.
Class – Updates to relationships (11460)	When a relationship target is added or removed on an association (starts at/end of), the change is not reflected on an open diagram. Closing and reopening the diagram will update the diagram.
Flow IBD – PortID relationship attribute update (11398)	When connecting a Link entity to a Component through a ProxyPort entity, the PortID relationship attribute is not populated.
Parametric – Alignable parameters (11410)	On a parametric diagram, if parameter entities are displayed on the diagram, the nodes cannot be aligned with other objects.
Sequence – Labels not stored (11457)	On a sequence diagram, the function name labels are not stored when modified.
Reports / Report Editor	
Empty IDEF0 diagrams (11439)	Empty IDEF0 diagrams are output in reports and TeamView.
Export and Import of reporting or scripting files (11463)	Exports of individual scripts or reports do not import.
Simulation	
Scripts during simulation (11464)	If a script name was changed from the default script name for any script in a simulation (duration, exitLogic, etc.), the script will not run during the simulation and does not produce an error.

Changes included in Service Pack 3 (12/15/17)

Reference	Description / Resolution Notes
Data	
Clearing number attribute (11456)	Removing a number attribute value causes an error prompt and then the number cannot be empty.
Import/Export	
File protection measure (11459)	If the regional date settings (specifically date time formats) differ between the machine exporting a GNSX file and the machine importing that file, the file is reported as invalid and cannot be imported.

Changes included in Service Pack 2 (11/30/17)

Reference	Description / Resolution Notes
Enhancements	
Auto-select target class	GENESYS tracks your last folder selection. If this folder is available the next time you use a target-style dialog, GENESYS auto-selects the folder. If the folder is not available, GENESYS selects the first folder (corresponding to the first target class). This helps reduce unnecessary mouse clicks and can significantly accelerate interactions.
Excel data load time	By changing the way data is added to the Excel spreadsheet, data load time has been decreased by 95%.
Progress meters - PowerPoint and Excel	Progress meters have been added to the PowerPoint connector and the Excel connector commands.
Data	
Report Options (11424)	Setting the Report Options in a text editor shows error "System.NullReferenceException".
Diagrams	
Key Entities/All Entities folder permissions (11246)	If a user does not have read permissions to a folder but does have read permission to an entity in that folder, error "System.Reflection.TargetInvocationException" is shown when displaying a diagram where the folder could be seen in the Key Entities/All Entities tab.
Node Templates - More information indicator (10992)	When using returns in a text field, there are times that the indicator that the field has more data than what is currently displayed is not shown.
Import/Export	
Importing "Baseline" Project (11406)	After importing a project that is exported using the "Baseline" option, the project history is not erased.
Reports / Report Editor	
IRS – Text fields missing returns (11372)	The IRS report will output text fields (e.g., descriptions) without the included returns.
Sessions	
Sessions remain open after exiting (11401)	If a window is opened in GENESYS more than once, a session remains running after exiting. The following windows can cause the issue: Script Editor, Find Dialog, Replace Dialog, Simulator, Administrative Tools, and Job Monitor.

Changes included in Service Pack 1 (10/16/17)

Reference	Description / Resolution Notes
Connectors	
X509 Certificate User Authentication (11201)	Using x509 certificates is not working when using the connectors (Excel, PowerPoint, and Project).
Excel – Entity GUID (11353)	Using a GUID for an entity is not working.
Excel – Sort block after update (11271)	After applying updates to the database, the Abbreviation sort block is being used. Changed to Alphabetic sort block.
Diagrams	
Class alias on node templates (11357)	Node templates that use “Class Alias” show nothing if the alias is nil. The class name should be used in this case.
Printing diagrams (11346)	Printing a diagram causes the node templates to appear empty.
FFBD – Cross-project DomainSet (10987)	If a DomainSet entity for an Iterate or Replicate construct is selected from a related project, an error is shown.
IDEF0 – Cross-project entities (11289)	If there is an IDEF0 containing an entity from a different project open and the related project is closed, an error is shown.
N2 – Diagram not rendering (11362)	If a recursive relationship exists in the target relation of an external Item/Interface/Link, a N2 diagram will not open. Applies to all N2 diagrams (Functional, Interface, and Physical).
Parametric diagram – Default layout (11349)	After switching the “Display Parameters” option on, the circular layout is being used by default. Changed to orthogonal layout.
Parametric diagram – Line positioning (11350)	After switching the “Display Parameters” option on, lines cannot be repositioned.
Spider – Overlaying nodes (11363)	Changing the “Show Relationship Label” and then adding nodes to the diagram, causes the diagram nodes to overlay one another when the diagram is reopened.
Use Case – Actor name (11262)	Actor names disappearing from a Use Case diagram.
Import/Export	
Import Wizard – Table definition option (11352)	There is no “Table Definition” option that can be toggled in the import wizard.
Project Explorer	
Package – Clear Audit Logs (11258)	Clearing the audit logs when a package is selected does not clear the audit log for the package entity itself.
Reports / Report Editor	

Reference	Description / Resolution Notes
Empty Diagrams with frames turned off (11351)	If a diagram has no content and frames are turned off, an error is reported when the diagram is output in a report.
TeamView – RTF output (11006)	The rendering of RTF text (bold, color, etc.) is missing from TeamView output.
Schema Definition Report – Section 1 (11263)	Section 1 of the Schema Definition Report begins on the Table of Contents page.
SSDD – Section 4 label (11264)	The SSDD Section 4 label is not rendering.
SSDD and SSS – Table captions (11254)	Table captions are displaying below the table.
Simulation	
Save Timeline button (11279)	If “Realtime Rendering” is selected and the “Save Timeline” command is invoked, an error is shown.
Web	
Flow IBD - Port and Link labels (11343)	Port and Link labels on a Flow IBD are always shown with ellipses.