

GENESYS 4.1 Service Pack 4

28 April 2017

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.

The fixed bugs are grouped by area with a description of the main symptom observed. While we believe the likelihood of most users being impacted by these issues is low, it is recommended that you install this service pack assuming the service pack deployment within your organization is reasonable.

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 and 3. Unless otherwise noted, the installation of Service Pack 4 is the only action required to resolve the problem.

Reference	Description / Resolution Notes
Connectors	
DOORS – “Resource Not Found” message (10902)	All exceptions are shown as “Resource Not Found.”
MS Excel – Hierarchy numbers (10739)	Transferring hierarchical number “1.10” transfers it as a float which truncates the 0 thereby changing the value instead of transferring it as text.
MS PowerPoint – Expired license (10821)	The PowerPoint connector stops searching for additional licenses once an expired license is found.
Diagrams	
Connection points (10882)	Diagram nodes are limited to 3 connection points per side on the following diagrams: Spider, Interface Block, Physical Block, Class, and State Transition.
Activity/FFBD/EFFBD – Deleting Exit entity (10877)	Under special circumstances, deleting an Exit entity from a diagram can cause error, “The creator of this fault did not specify a reason” to occur.
Activity/FFBD/EFFBD – Remove command (10822)	Performing a “Remove” command with a construct (e.g., Iterate, Replicate) selected removes the nodes inside the construct, but the construct remains.
Class – Updates not saved (10920)	Moving only a line or a port on the class diagram does not mark the diagram as changed, so the change is not saved when closed.
Sequence – Item and Function names (10736)	On a sequence diagram, long item and function names are shortened more than they should be.
Import/Export	
Export - # in project name (10823)	A project where the name contains a “#” will abort an export.

Reference	Description / Resolution Notes
Import wizard summary message (10886)	The summary message in the import wizard states “No scripts will be imported,” causing users to believe that all scripts will be lost.
Installation	
Configuration File (10897)	Upgrading, including installing a service pack, overwrites the configuration file, causing all settings to be lost.
License Mode (10898)	Upgrading, including installing a service pack, removes the license mode, causing the service to not start.
Licensing	
Generic error message returned (10850)	Any issue with activating a license over the internet results in Error 400 (Bad Request).
License Utility does not check for local license (10875)	Using the License Utility does not check for local licenses present when selecting Local.
Project Explorer	
Deleting Folder and Entities (10892)	Using command “Delete Folders and Entities” causes error “Folder is not in the database” and GENESYS stops.
Duplicating Filters and Sort Blocks (10879)	No prompt for a new name is displayed when duplicating sort blocks or filters.
Enlarged Display Setting (10903)	Using the 150% display setting opens some pop-up windows off-screen.
Reports / Report Editor	
Collection relationship attributes (10895)	Relationship attributes of type “Collection” are not rendered correctly.
Duplicating reports (10860)	A report cannot be duplicated a second time until the first duplicate is renamed.
IRS report error (10760)	If no Document entity contains the type “Interface Requirements Specification,” an error is produced when running the report.
SDD – Item names in section 7 (10858)	In section 7, Item names are output in camel case instead of how they were written.
SDD (by Component) – Requirements not output (10855)	Running the SDD by component report does not output requirements in the correct requirement sections.
Scripting	
Debugging a script (10868)	If the windows user does not have “Debug program” privileges on the computer, trying to use the script debugger can cause GENESYS to shut down.

Changes included in Service Pack 3 (3/15/2017)

Reference	Description / Resolution Notes
Enhancement	
Certificate authentication instead of Windows authentication	When sending data from a client to a server, Windows authentication is used. If there is not a trust relationship between the two machines then the data transfer is blocked. We have added the capability to use certificate authentication instead of Windows authentication. Contact Vitech customer support for more information if you want to use this capability.
Connectors	
MS PowerPoint – licensing not working (10821)	The PowerPoint connector will not continue searching for licenses once an expired license is found.
Diagrams	
Functional Diagrams – Remove command (10822)	On a functional diagram, if you select a construct (e.g., Iterate, Replicate) and perform the Remove command, the nodes inside the construct are removed but the construct remains.
Remove and Delete commands (10820)	When selecting a construct (e.g., Iterate, Replicate), the number of selected items indicated when using the Remove or Delete command can be inaccurate.
Package – Subclass of Category or Package (10827)	If a subclass of Category or Package is created, the Package Diagram is not rendered correctly.
Sequence – Item and Function names (10736)	On a sequence diagram, long item and function names are shortened more than they should be.
Import/Export	
Export - # in project name (10823)	A project whose name contains a # will not export.
Import – Generic XML file (10825)	Importing a non-CORE XML file results in error “Invalid root node.”
Licensing	
Generic error message returned (10850)	Any issue with activating a license over the internet results in Error 400 (Bad Request).
Preference	
Project preferences (10780)	If a user does not have project administrative permissions and edits the preferences, error “User does not have sufficient permissions to update project preferences. Update permission is required.” is reported even if the user made no changes to the project permissions.
Reports / Report Editor	

Reference	Description / Resolution Notes
IRS report error (10760)	If no Document element contains the type "Interface Requirements Specification," an error is produced when running the report.
Web Server	
"Evaluation Mode" message shown (10849)	When using the client a message appears at the top of the browser indicating that the product is in evaluation mode.
Collection relationship attributes (10667)	Relationship attributes of type Collection are not rendered correctly.
Documentation link (10848)	The documentation link opens an incorrect folder.

Changes included in Service Pack 2 (1/31/2017)

Reference	Description / Resolution Notes
Diagrams	
Opening a diagram with uncommitted attribute changes (10737)	When opening a diagram where there is an uncommitted change to an attribute, error “Object reference not set to an instance of an object” can be encountered.
Class – Non-orthogonal lines (10669)	On a class diagram, if you change the levels being shown, some orthogonal lines are not orthogonal.
Class – Crossing lines (10573)	The default layout for a class diagram has too many crossing lines.
FFBD/EFFBD – Reference nodes (10640)	The reference nodes show only one line of text and are not resizable, so long names are truncated.
N2 – Switching to non-grid representation (10646)	When viewing an N2 diagram in grid representation with item icons that have been modified, switching to non-grid representation does not change those item icons.
Sequence – Multiple new triggers (10663)	When adding more than one new triggering item to a function, the new triggers overlay one another.
Licensing	
Available licenses (9203)	When a user already has a license checked out and is running the GENESYS service, the number of licenses shown as available in the license selection dialog is one short (e.g., 0).
Available networked license types (10741)	If a license server has both Essentials and Spectrum licenses, only the Spectrum licenses are listed in the license selection dialog.
License utility instructions (10216)	The screen instructions are confusing when activating a license without internet connectivity.
Schema	
Deleting a class with entities (10758)	Deleting a class in schema mode when that class has entities causes an error on migration.
Simulation	
Execute decomposition (10775)	The simulator does not execute the decomposition of functions.
Multiple scripts running (10759)	Using more than one script returns the wrong values for subsequent scripts.
Script returns nothing for value (10720)	When a script returns nothing, error “Simulation Reset Error” is shown instead of information on the script itself.

Reference	Description / Resolution Notes
Setting duration via script (10722)	If the project preference attribute "Default Duration" is computed through a script, error "Object reference not set to an instance of an object" is returned during simulation.
Showing Items by default (10691)	In preferences, if "Show Items" is selected, the Items are not shown when you open the simulator control panel.
Technology Support	
MS PowerPoint – entities with special characters (10786)	If an entity has a special character in the name (e.g., ":"), the diagram is not downloaded.
MS PowerPoint – missing diagrams (10761)	When a diagram includes content but not children, the PowerPoint connector does not include it in the set of diagrams to download.
MS Project – missing entities (10786)	When converting a GENESYS date into a Project date, an error can be encountered with some versions of Project which causes the download to stop.
Reports / Report Editor	
TeamView Enhancement	Added the ability to select which script executes after launching TeamView report wizard. This allows alternative TeamView scripts to be written.

Changes included in Service Pack 1 (12/15/2016)

Reference	Description / Resolution Notes
Diagrams	
External graphics path not used on diagram images (10721)	When adding an image to a diagram, the project's external graphics path is not used.
Images, notes, and shapes cover lines connecting nodes (10638)	An image, note, or shape can hide lines between nodes on a diagram. Opacity can be used to have the lines show through.
Sequence Diagram – Lifeline disappears (10639)	The lifeline on a sequence diagram (the dotted line) can be shown behind some constructs with no ability to bring it forward.
Import / Export	
Same named parameter with different ID (10681)	If a user tried to merge two databases and the same named parameter exists, an error is reported as a conflict upon import and the data is not brought in.
General	
Error using Text Editor on non-entities (10670)	When trying to access the text editor on a non-entity (e.g., schema class description, project description), error "Value cannot be null" is reported.
Replace command does not stop (10686)	Running the "Replace All" command results in an endless loop.
Using keyboard shortcuts in Filters and Sort Blocks (10673)	Using keyboard shortcuts to set attribute names causes an error.
Simulation	
Duration and Resources that use a script not computed correctly (10622)	If a function's duration or a resource's amount are set using a script, on the initial run the data is not computed correctly.
Function's Timeout Script returns error (10637)	Using a script in a function's timeout attribute causes error "User script SimulationScript failed" to be reported on the initial run.
Initial function information not captured in transcript (10723)	The initial function's actions in a simulation are not captured in the transcript.
Resetting a simulation with a blank script reports error (10620)	If a function's attribute is set to an empty script, when the simulation is reset, an error is reported.
Two scripts in a row during a simulation returns error (10642)	If a simulation encounters two scripts that should run back to back, the error "User script SimulationScript failed" is reported.
Technology Support	
Connectors and roaming profiles (10280)	Settings for connectors do not get stored when using roaming profiles.

Reference	Description / Resolution Notes
Reports / Report Editor	
IDEF0, N2, or Parametric Diagram in report output (10688)	In some situations, trying to display an IDEF0, N2, or Parametric Diagram causes an error when running a report.
TeamView – outputting diagrams that are too large (10674)	If the script tries to output a diagram that is larger than 24,000 pixels, the TeamView report returns error “User script GenerateTeamViewFiles failed.”