

GENESYS 2021 Service Pack 3

22 October 2021

In order to best serve our user community, Vitech releases one service pack 60 days after product launch. If necessary, we reserve the right to release additional service packs.

In the table below, the fixed bugs are grouped by area with a description of the main symptom observed. Due to the various issues and performance impacts, it is recommended that you install this service pack.

We like to incorporate capability enhancements throughout the release 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 and 2. The installation of Service Pack 3 is the only action required to resolve the problem.

Reference	Description / Resolution Notes
Cross-project Relationships	
Importing a project where a proxy project cannot be resolved – additional test cases (16750)	Importing a project results in error “The operation is not valid for the state of the transaction.”
Importing a 2020 R2 project with inheritance - additional test cases (16711)	Importing a 2020 R2 project with an inheritance cross-project relationship causes error “The specified entity is not in the database.”

Changes included in Service Pack 2 (9/24/21)

Reference	Description / Resolution Notes
Cross-project Relationships	
Importing a project where a proxy project cannot be resolved (16750)	Importing a project results in error “The operation is not valid for the state of the transaction.”
Importing a 2020 R2 project with inheritance (16711)	Importing a 2020 R2 project with an inheritance cross-project relationship causes error “The specified entity is not in the database.”
Project with cross-project relationships cannot be opened (16713)	Importing a 2020 R2 project with cross-project relationships results in error “GENESYS services encountered a problem while processing your request.”

Changes included in Service Pack 1 (7/30/21)

Reference	Description / Resolution Notes
Enhancement	
Diagrams - External Object behavior	The block diagrams (e.g., IBD, Interface Block, Flow IBD, and Physical Block) and the sequence diagram have been modified to show connections to the children of nodes on the diagram not as external objects but as internal connection points on the diagram nodes.

Reference	Description / Resolution Notes
Filters and rule sets - ReferenceSpec, ScriptSpec, NumberSpec (15827)	Comparisons against complex data types is not supported in filters and rule sets.
Service permission level	The GENESYS service needs elevated permissions to start. It can now be started by any user.
Single selection prompt (15867)	Double-clicking in a single selection prompt opens the property sheet for the entity. It now selects the entity and closes the dialog.
SQL Server Express 2014 SP3	The link to the installer for SQL Server Express is SQL Server Express 2014 SP2, which is no longer supported. The link has been updated to SQL Server Express 2014 SP3.
SQL table indexes and primary keys	Added indexes and primary keys to several SQL tables to increase performance.
Connectors	
Excel – ReferenceSpec links(13711)	The output of an attribute of type ReferenceSpec that contains a display name does not output the hyperlink.
ModelCenter – ModelCenter not installed (16005)	Invoking ModelCenter connector without ModelCenter installed will cause GENESYS to stop working.
ModelCenter – Multiple parameters (15984)	Multiple parameters cannot be used from the same entity.
ModelCenter – String parameters (16128)	Saving analyses that have a string value causes an error.
PowerPoint – Image resolution (14387)	The diagram image resolution in PowerPoint is poor.
PowerPoint – Title and insertion (16089)	The default title and insertion combo boxes default to nil which causes error “NullReferenceException” if they are not set.
PowerPoint – Nodes lines (16087)	Node representations on an inserted diagram are missing the internal lines.
Simulink – Assemblies represented (16149)	When selecting node types, only leaf-level assemblies are listed.
VSTO prerequisite (16073)	When installing an Office connector, error “An error occurred while downloading the file http://download.microsoft.com/download/F/3/9/F395E3C2-28AO-4F0D-9E20-FF4D`ADB08D8/vstor40_x64.exe ” is reported.
API	
Permissions (15709)	Permissions are not refreshing.
Custom Command	
Subscript (16127)	If a custom command script calls another script, error ‘Unable to compile the Script "Scripts_001" for the "Command_001" button’ is reported.
Data	

Reference	Description / Resolution Notes
Application window full screen (16037)	Using full screen mode on a GENESYS window does not have the window match the size of the monitor.
Folder/package permissions (13356)	Users without read permissions to a folder or package can still see the folder in the browser.
Migrating project (16035)	When an import does not complete successfully, migrating any project results in error 'A schema for the specified ID "3918f6c2-6790-469d-bb9c-5d59ed1fb1cb" does not exist.'
Permissions (16098)	Permissions for attributes and parameters is not correct on initial selection of the entity.
Preference window (16038)	The preference window cannot be resized.
PUID (15976)	When setting the PUID format, the number of digits has to be at least 4.
ReferenceSpec with no hyperlink (15987)	An attribute of type ReferenceSpec that only contains a display name does not save to the database.
Renumber entities (16114)	Renumbering entities does not update the browser pane.
Diagrams	
Auto-size (15124)	Auto-sizing all nodes is different if you select all nodes or select no nodes.
Auto-size height (15342)	Auto-size height does not scale based on the width of the node.
BDD – Port sizing (14421)	Setting the port size through the properties tab does not retain the setting.
Flow IBD – Insert child (16059, 16063)	Inserting an existing child node onto a Flow IBD causes either "System.InvalidCastException" or "Object reference not set to an instance of an object" error.
Flow IBD – Node template on line (16091)	Applying a node template that specifies a relationship to a line on a Flow IBD causes error "Object reference not set to an instance of an object."
IDEF A0 – Add ICOM (15519)	Adding a new ICOM (Input, Control, Output, or Mechanism) to an IDEF A0 diagram clears the previous selection.
N2 – Item settings (16012)	Moving the node position clears settings on the attached Item nodes.
Package – Connect entities (16036)	Trying to connect two entities that cannot be connected causes error "Object reference not set to an instance of an object."
Parametric – New view (14976)	When opening a new view for a parametric diagram, the port labels are put in the middle of the lines instead of at the end.

Reference	Description / Resolution Notes
Sequence – Trigger line (15145)	If a node has a trigger or input which comes from both an internal node and an external node, the external line is not shown.
Spider – Moving nodes (15460)	When manipulating nodes on a spider diagram, you can move a node and the lines do not stay attached.
Import/Export	
Sample project (16061)	Importing an older sample project report error ‘Unable to find the project specified by "8ded92e0-4d00-433f-8be2-589f13349194.”’
Packaging	
Port number change (15423)	Using a custom port number does not work with the local repository.
SQL Server Express Install Error (16155)	When installing SQL Server Express 2014, error 1312 is reported. This occurs when a file named “1033” is present where SQL is trying to create a folder. The installer renames this file to “1033old” when the file is present.
Parameters	
Parameter output in Japanese (13987)	Output of parameters puts a space between the parameter value and the parameter unit. In Japanese output, these spaces cause odd line breaks.
Update permissions (16058)	Trying to update permissions on an inherited parameter causes error “The parameter ‘attributeld’ is not specified.”
User with read only permissions(16042)	Users with only read permissions on a parameter can remove source and dependent bindings.
User without read permissions (16066)	Users without read permissions can see source and dependent binding settings.
Reports	
Schema Definition Report (15972)	Relationship targets are not alphabetized.
SSDD RTM (14991)	The RTM in the SSDD reports Functions.
SSS section 4 (15286)	Section 4 of the SSS is using the 2020 R2 base schema.
Subclass of Package (16064)	We added support for subclasses of Package to be used in navigation. With this change, the following reports were updated: Attribute History, Toolkit\Component Hierarchy, Toolkit\Functional Hierarchy, Toolkit\Requirement Hierarchy, Toolkit\Work Breakdown Structure (WBS), Risk, SDD (by Package), and TeamView.
Unused controls (15882)	The following reports were modified to clean up unused controls: IRS, SDD, and SSS
Simulation	

Reference	Description / Resolution Notes
Replicate Trigger (15988)	A trigger within a replicate is not shown on the timeline correctly.
Timeline saved image (16011)	When saving the timeline as an image, there is a large amount of white space at the end.