

GENESYS 6.0 Service Pack 7

15 March 2019

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.

In the table below, 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, we do recommend that all users install this service pack to ensure that you are not impacted by these issues going forward. Assuming the service pack deployment approach within your organization is reasonable, it is far better to ensure these issues have been addressed by deploying these corrections.

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, 4, 5 and 6. Unless otherwise noted, the installation of Service Pack 7 is the only action required to resolve the problem.

Reference	Description / Resolution Notes
Connectors	
Scaling of connectors (12380)	Machines with high DPI do not scale some parts of the connector forms correctly, making them unusable. This is noticeable in the Table Definitions for the Excel Connector.
Reports	
SSS Report updates (12346)	The Link direction is not being output with the latest schema. The link direction moved from a relationships attribute to a linked entity's attribute. Updated logic to account for the different schemas.
Inconsistent slash usage in reports (12238)	Several reports use a forward slash (/) instead of the correct backslash (\) when referencing folders and packages in GENESYS. Modified the following reports: Risk Report, Component Hierarchy Reports, Functional Hierarchy Report, Requirements Hierarchy Report, Work Breakdown Structure (WBS) Report.

Changes included in Service Pack 6 (1/31/19)

Reference	Description / Resolution Notes
Enhancements	
Reporting Toolkit report – Cross Reference Matrix Report	<p>To aid you in creating your own reports, we have released an additional report to help get you started. The Cross Reference Matrix Report uses a user-selected class and relation to show the targets in a matrix format.</p> <p>To see a more detailed description of the report, look in the Reports >> Reporting Toolkit folder for the report.</p>
Performance	
Spell check as you type (12206)	Some machines have a performance issue when using the user preference to check spelling as you type. Alternatively, you can uncheck the option in the user preferences.
Schema	
Change attribute type (12108)	Changing an attribute's type causes error "Specified cast is not valid" during data migration.

Changes included in Service Pack 5 (12/11/18)

Reference	Description / Resolution Notes
Enhancements	
Reporting Toolkit reports	<p>To aid you in creating your own reports, we have released a couple more reports to help get you started. The following reports are released with this service pack:</p> <ul style="list-style-type: none"> • Open Concerns Report • Closed Concerns Report <p>To see a more detailed description of each report, look in the Reports >> Reporting Toolkit folder for the specified report.</p>
Data	
Clear Audit Logs (12035)	The clear audit logs command does not show a busy dialog and the program does not respond to input while the command is running.
Insert Parameter Context Menu (12155)	The <i>Insert Parameter</i> section of the context menu is missing from the text attributes. Entering the parameter information manually works.
Purging or Baselining entities in a class that uses an alias (11869)	If a class uses an alias and entities from that class have their versions purged or baselined, the name of the class is used in the information prompt instead of the alias.
Diagrams	
Flow IBD – Remove Link target (11819)	If a target of the connected to relation on a Link entity is removed while the Flow IBD showing the Link entity is open, error “The port owner is not part of this graph” is displayed.
Interface N2, Physical N2 – Default node template (11795)	The default node template for the Interface N2 and Physical N2 diagrams is incorrectly Number/Name/Allocation.
Import/Export	
Exporting lock changes (11799)	Exporting a change file does not include entity lock status changes.
Import into an existing project (12107)	Importing data into an existing project requires the user to be part of the Project Creation Group.
Simulator	
Insufficient Resources (11864)	If you have two resources being consumed by a function, and one resource is deficient, the simulation shows both in red.
Links (12084)	When using a Link to transfer an Item, the structure column is left blank instead of showing Link.
Replicate Coordination Branch - “kill” option (11857)	If you set the “kill” option on the coordination branch to true, the replicate construct does not terminate when the coordination branch completes.

Reference	Description / Resolution Notes
User Preferences for timeline display (12112)	The user preference setting for timeline display is not used when setting up the simulation timeline.

Changes included in Service Pack 4 (10/31/18)

Reference	Description / Resolution Notes
Enhancements	
Help	The help file contents have been expanded and updated.
Reporting Toolkit reports	<p>To aid users in creating their own reports, we have released a few reports to help get you started. The following reports are released with this service pack:</p> <ul style="list-style-type: none"> • Component Hierarchy Report • Functional Hierarchy Report • Requirements Hierarchy Report • Work Breakdown Structure (WBS) Report <p>To see a more detailed description of each report, look in the Reports >> Reporting Toolkit folder for the specified report.</p>
Connector - Simulink	
Missing Simulink libraries (11984)	If you try to run Simulink on a project where the computer you are on does not have all the Simulink libraries used, you receive error "No system or file called 'sh_lib' found" and Simulink will not run.
Cross Project Relationships	
Flow IBD commands (12078)	When manipulating a Flow IBD that contains cross project related nodes, some commands will result in error "Value cannot be null."
Stop at Entity and BDD Diagram (11702)	If you have a BDD diagram open that shows a node that is in a related project, and the related project is set to stop at connected entities, and a child is added to the cross-project related node, you receive error "Value cannot be null."
Data	
Relationship attributes (11839)	The relationship attributes are shared between projects that had the same starting point. This was most evident in a migration or when a project is imported under a different name. NOTE: After service pack installation, you must verify that all relationship attributes are present in your current database.
Diagrams	
Flow IBD – Performer entities (12079)	Some commands do not work on the Flow IBD when opened on a Performer (OperationalNode) entity.
Requirements - edge decoration (11364)	If a diagram has the option "Use Orthogonal Lines" on, and two or more child requirements are connected to a node, the decoration used may not be correct.
Structure diagrams – multi-level exit nodes (11519)	On an FFBD, EFFBD, or activity diagram, if all branches have an exit, lines at the end of the parallel or selection constructs (after the exit node) appear if you make a change to the diagram.

Reference	Description / Resolution Notes
Structure diagrams – selection probability (11735)	On an FFBD, EFFBD, or activity diagram, if you add or change a selection probability, the probability will overwrite the node until you close and reopen the diagram.
University	
API sample - Requirements Commenter (12036)	Running the API sample, Requirements Commenter, results in error “Invalid Login. University edition clients and services are not compatible with other editions of GENESYS.”

Changes included in Service Pack 3 (9/17/18)

Reference	Description / Resolution Notes
Enhancements	
Help	The help file contents have been expanded and updated.
Patriot Missile sample project	This sample project provides example scripts on several entities to provide for the following during simulation of the main Function: <ul style="list-style-type: none"> • Prompt user for input • Set Function duration based on user input • Set Exit branch probability based on user input • Set Resource Amount based on user input • Modify an Iteration Count based on user input
Spell-check as you type	Included in this service pack is spell-check as you type. If there is a word that is unknown, you have the option of ignoring the word or replacing it with suggested spellings.
University Edition Sample files	The elevator control and elevator system from CORE have been migrated and made available for GENESYS University Edition.
Cross Project Relationships	
Adding an exit condition to a function that is in a related project (11842)	When a function on an FFBD is in a related project, adding an exit condition to that function causes error "The specified entity is not in the database" to be reported.
Deleting a related project (11854)	A project that is related to another project through a relationship cannot be deleted. When attempted, error "GENESYS services encountered a problem while processing your request" is encountered.
Setting selection probability when not all related projects are present in the repository (11868)	Setting a selection probability on an exit condition where the exit is in a related project which is not present in the repository causes error "Object reference not set to an instance of an object."
Viewing FFBD when not all related projects are present in the repository (11860)	Viewing an FFBD which contains an exit condition on a function in a related project that is not present in the repository causes error "Object reference not set to an instance of an object."
Node Template	
Relationships type (11861)	A list of relationship targets is separated by a space in a node making it difficult to see how many targets are present in the model. The targets will now be separated by a carriage return. If a relationship attribute is being output, a separator of ":" will be used between the relationship target and the relationship attribute.
Reports / Report Editor	
Diagnostic Table (11835)	The "Diagnostics Table Report" is failing to list errors from select classes.

Reference	Description / Resolution Notes
Simulation	
DomainSet count (11833)	A DomainSet 's count is being set at simulation load time instead of being accessed from the model when the count is used.
Function duration (11833)	A Function 's duration is being set at simulation load time instead of being accessed from the model when the function is used.
Replicate construct (11622)	The replicate construct is simulating only one instance of the branch.
Resource amounts – initial, maximum, produced, captured, consumed (11858)	The resource amount is being set at simulation load time instead of being accessed from the model when the count is encountered.
Selection probability (11859)	The selection probability for exit conditions is being set at simulation load time instead of being accessed from the model when the count is encountered.
University Edition	
Installation for multiple users (11863)	The University Edition version of GENESYS will not start for multiple users on the same machine. Only the user who installs the software can start the GENESYS service.

Changes included in Service Pack 2 (7/31/18)

Reference	Description / Resolution Notes
Enhancements	
Formatting Options on Text	<p>More control has been given over text fields.</p> <ul style="list-style-type: none"> • A preference has been added to allow pasting text unformatted by default. • A “Paste Unformatted” command has been added to text field context menus. • A “Clear All Formatting” command has been added to text field context menus. • The report options (Keep All Formatting, Maintain Default Formatting, Keep Text Only) have been added to the text edit dialog’s ribbon.
Simulink Connector (11756)	When using the Simulink Connector, setting the block type for a Component shows all the possible parameters and allows the selection of which ones to be created and updated in GENESYS.
Cross Project Relationships	
Drag drop onto a package (11712)	If an entity is dragged from one project explorer onto a package in the package navigation of another project’s explorer, the relationship between the entity and the package is not created.
Data	
Clear audit logs (11798)	When audit logging is disabled, the current log entries are not cleared from all entities.
New Node Template Command (11521)	When an entity is selected, the New Node Template command is not active on the Data ribbon.
Undo after schema change (11687)	If a schema change file is imported and then an undo action is performed, error “Cannot access a disposed object” is encountered.
Diagrams	
FFBD/EFFBD - Exit coloring (11675)	The text coloring of all Exit Nodes on an FFBD or EFFBD changes when one Exit Node color is changed.
Flow IBD – Line on a moved port (11744)	On a Flow IBD, the line connected to a moved Port entity reroutes automatically.
Flow IBD – InterfaceDefinitions label moving (11752)	On a Flow IBD, if anything is added to a node (e.g., Port, RequiredInterface, ProvidedInterface), all InterfaceDefinition labels are reset.
Importing	
Schema extension file (11749)	After importing a schema file (e.g., FMEA Extension), the design integrity checker script is reporting error “one or more errors occurred within the checker’s script” on the diagnostic page of all entities.

Reference	Description / Resolution Notes
Reports / Report Editor	
Spider Diagram Output (11732)	A hierarchy definition cannot be selected when outputting a spider diagram in a report.
TeamView – Incorrectly sized diagrams (11818)	When running TeamView, some diagrams are output at the wrong scale (bigger or smaller than desired).

Changes included in Service Pack 1 (6/15/18)

Reference	Description / Resolution Notes
Enhancements	
Performance improvements	Increased the performance in retrieving entity lists throughout the tool. This includes browsing, target lists, searching, and running reports such as TeamView.
Connectors	
Last login information not saved (11560)	When connecting to a remote repository, the login information (repository and user name) is not remembered across sessions.
PowerPoint missing some diagrams (11729)	Some diagrams are not being imported into PowerPoint (e.g., Requirements diagram when a Document was selected).
Locking	
Lists of entities are pre-filtered (11748)	When viewing a list of entities, if locked entities are not appropriate, the locked entities are not shown. This could lead to some confusion.
Search	
Escaped wildcard not highlighting (11724)	When using an escaped wildcard (e.g., *) with whole word selected, the character is not highlighted correctly.
Remembering include children option (11723)	The “Include Children” option is not remembered from search to search.
Reports / Report Editor	
SDD figure captions (11699)	Figure captions are captured inconsistently.
SDD subgroups included in TOC (11700)	The subgroupings of output in the following sections are included in the TOC: Use Cases, States & Modes, Functional Behavior Model, Components, Interfaces & Links.
Simulation	
Running scripts on specific entities (11737)	During a simulation, executing a script for an entity that starts with a number (e.g., 2 Collection Points) causes an error.