

## GENESYS 6.0 Service Pack 3

17 September 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.

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, 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](mailto: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 3 is the only action required to resolve the problem.

Reference	Description / Resolution Notes
<b>Enhancements</b>	
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"><li>• Prompt user for input</li><li>• Set Function duration based on user input</li><li>• Set Exit branch probability based on user input</li><li>• Set Resource Amount based on user input</li><li>• Modify an Iteration Count based on user input</li></ul>
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.
<b>Cross Project Relationships</b>	
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."

Reference	Description / Resolution Notes
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."
<b>Node Template</b>	
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.
<b>Reports / Report Editor</b>	
Diagnostic Table (11835)	The "Diagnostics Table Report" is failing to list errors from select classes.
<b>Simulation</b>	
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.
<b>University Edition</b>	
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
<b>Enhancements</b>	
Formatting Options on Text	<p>More control has been given over text fields.</p> <ul style="list-style-type: none"> <li>• A preference has been added to allow pasting text unformatted by default.</li> <li>• A “Paste Unformatted” command has been added to text field context menus.</li> <li>• A “Clear All Formatting” command has been added to text field context menus.</li> <li>• The report options (Keep All Formatting, Maintain Default Formatting, Keep Text Only) have been added to the text edit dialog’s ribbon.</li> </ul>
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.
<b>Cross Project Relationships</b>	
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.
<b>Data</b>	
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.
<b>Diagrams</b>	
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.
<b>Importing</b>	
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.
<b>Reports / Report Editor</b>	

Reference	Description / Resolution Notes
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
<b>Enhancements</b>	
Performance improvements	Increased the performance in retrieving entity lists throughout the tool. This includes browsing, target lists, searching, and running reports such as TeamView.
<b>Connectors</b>	
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).
<b>Locking</b>	
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.
<b>Search</b>	
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.
<b>Reports / Report Editor</b>	
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.
<b>Simulation</b>	
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.