

# GENESYS 7.0 Service Pack 2

31 October 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 as needed 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 and 2. Unless otherwise noted, the installation of Service Pack 2 is the only action required to resolve the problem.

Reference	Description / Resolution Notes
<b>Enhancements</b>	
Administrative Tools Project Tab (12739)	Enhanced the projects listing in the Administrative Tools to show more of the project description and better set off each project.
API - External File Value (12745)	Added a method to retrieve a fully-qualified path to an external file value.
Azure SQL Database (12774)	Added retry capability to better work with installation of Azure SQL database.
<b>API</b>	
Sample Requirements Commenter (12293)	The sample does not return requirements that are in subfolders.
Spectrum License (12782)	All API applications use an Essentials license regardless of which license version is available.
<b>Connectors</b>	
DOORS – Export Error (12769)	When exporting data to DOORS, error “One or more errors occurred” is reported.
Excel – Class Column (11438)	On pushing changes back to GENESYS, the class column is not used. Instead, the first word of the name is used as the class name if it exists in the schema.
Excel – Name Values (12743)	A linefeed can be inserted in a name of an entity through a changes update causing errors in GENESYS, especially with report output.
Excel – Parameter Removed (12756)	If a parameter is removed from the schema after it is used in a table definition, an error occurs when trying to load the table definitions in Excel.

Reference	Description / Resolution Notes
Hierarchy diagrams with no content (11430)	Hierarchy-type diagrams where there is no content are being exported.
Login with Password Change (12709)	If a user tries to log in using an account where the password has to be changed, a prompt states that the password needs to be changed and then the dialog is closed and the user is not logged in.
ModelCenter MBSE - Export (12750)	When exporting data to ModelCenter MBSE, error "GENESYS Logging Error" is reported.
<b>Data</b>	
Audit Logs and Permission Changes (12172)	When updating permissions on an entity, attribute, or parameter, the change is reported to the audit log multiple times.
Audit Logs and Restored Values (12598)	If an older attribute value is restored, the update is not recorded in the audit log for the entity.
Duplicating Project (12755)	After duplicating a project, schema migrations are being applied to both projects.
External Files that are Web-Based (12572)	External files that are web addresses do not work as links after a base path is specified.
Project Property Updates (12076)	If the project property page is open when an update occurs, the open page is not updated. When the project property sheet is closed, the old value overwrites the new value.
Project Property Version Number (12073)	An invalid version number on the project property sheet causes error "Exception of Type".
<b>Diagrams</b>	
Constraint BDD – Target Class List (12658)	When displaying the target classes for insertion, class names have spaces in them.
Hierarchy Type Diagrams – Expanded Nodes (11517)	When viewing a hierarchy type diagram (BDD, Requirements, etc.), not all children may be shown beyond the level set for the diagram.
Parametric Diagram – Constrains targets (12775)	Adding a target to the <i>constrains</i> relation through a property sheet when there is a stored diagram causes error "Exception has been thrown by the target of an invocation" when opening the diagram.
Parametric Diagram – Mapping (11608)	Setting the mapping for a target of the <i>uses parameter from</i> relation causes the parameter node to be reset back to the default location.
Shape Default Size (12685)	The default size for an inserted shape is the same size as the default node size.

Reference	Description / Resolution Notes
Shapes on Fixed Sized Diagrams (12726)	On diagrams where the nodes cannot be resized (N2, IDEF0, etc.), the sizing commands are disabled even when shapes are selected.
Spider Diagram – Read Only User (11620)	A read-only user can appear to remove a node from a spider diagram although the relation is not deleted. The node is just not visible on the diagram until you close and reopen the diagram.
<b>Import</b>	
Newer File Versions (12657)	Can import a newer version file into an older version project.
Preference (11764)	“Auto select target classes” preference is not imported.
<b>Installation/Licensing</b>	
Client and API License (11947)	Cannot start the GENESYS client after starting an API connection. If the GENESYS client is started first, then both can run at the same time.
Documentation Folder (12753)	On Windows 10, the documentation folder is not present and all documents are listed at the main folder level.
Repair Install (12771)	On Windows 10, error “MDAC 2.7 Sp1 cannot be installed on this machine...” occurs when a repair of the installation is attempted.
UE License (12166, 12340, 12773)	Various errors can be reported when trying to activate a University Edition license.
<b>Permissions</b>	
Include Inheritable Permissions (12777, 12790)	A user who has read-only permissions for an entity, an attribute, or a parameter can uncheck the checkbox for “Include inheritable permissions” on the permissions dialog.
<b>Reports/Report Editor</b>	
Deleting Report Folder (12382)	Deleting a folder of reports is not confirmed.
External File Reference (12169)	Outputting a file reference where the file is outside of the base path or is a web reference does not output correctly.
Multiple Diagrams (11817)	Outputting multiple diagrams in one entity band results in captions being misaligned.
Refresh (12203)	Invoking refresh will open a previously deleted report or script property sheet causing error “Cannot update a deleted object” if changes are attempted.
Report Duplication (11866)	Duplicating a report does not preserve the formatting of the report’s description.

Reference	Description / Resolution Notes
Setting Subreport (12025)	The window size for setting a subreport is small.
SSS – Internal Interface Section (12345)	The internal interfaces section is outputting the external interfaces information.
TeamView Dialog (12757)	The email entry box in the TeamView dialog is not on screen.
<b>Schema</b>	
Deleting Relations (12109)	Deleting relation pairs from the schema causes error “Unable to find the relationDefinitionId”.
Inherited Enumeration (12373)	Inherited enumerations, if previously changed, will not update automatically with new changes to the top enumeration.
New, Inherited Enumeration (12770)	If a new attribute of type enumeration is changed in a subclass, error “Attribute Definition not found” error is reported when exiting schema mode.
<b>Simulation</b>	
Digital Items in a Replicate (12762)	Digital Items are not being consumed when simulating a replicate construct.
Execution Hierarchy (11614)	The execution hierarchy does not update after it is opened.
Multiple Resource Entity Scripts (11867)	Running a simulation where there are multiple scripts on Resource entities results in error “The script compilation resulted in an error.”
Script for Default Duration (12765)	Setting the default duration in the simulation preference to a script causes error “A runtime error was encountered in your script”.
Scripting Errors (11802)	Errors that are encountered during a simulation are reported to the GENESYS log file but not reported to the user.
Transcript Header (12403)	Using windows scaling larger than 100%, the transcript header row is cut off.
<b>Cross-project</b>	
Spell Check (12725)	Spell check of entities that are in related projects are not checked even if the project is accessible.

## Changes included in Service Pack 1 (7/31/19)

Reference	Description / Resolution Notes
<b>Enhancements</b>	
Component completeness check (12692)	Updated completeness check for Components to verify that a leaf-level Component has a performs target that is of type Atomic.
Architecture Rollup Script	A utility script has been added that will sum parameter values for user-selected parameters in the Component class. See script description for more details.
<b>Admin Tools</b>	
Administrator password update (12708)	Resetting the administrator password requires an update when the administrator next logs in.
Password security tab (12707)	Password security numeric fields require increment and decrement arrows instead of entering numbers.
User and Group list updates (12294, 12202)	User and group lists do not update when display information is updated.
<b>Data</b>	
Renumbering entity that has children (12737)	Renumbering an entity that has children displays several dialogs.
Renumbering read-only entity (12722)	Renumbering a read-only entity displays error "User does not have sufficient permission to update attributes for this entity."
Undo of Set Attribute command (12742)	Each set attribute command is undone separately instead of as a single action.
<b>Diagrams</b>	
Class – Add new association (12677)	Adding a new association to a node causes error "Object reference not set to an instance of an object."
Class – Add new dependency (12679)	Adding a new dependency to a node causes error "Cannot set the style to an item that is not in this graph."
Class – Bidirectional association on Performer (12171)	Adding a new bidirectional association to a Performer causes error "Object reference not set to an instance of an object."
<b>Filters</b>	
Comparison using ID with a wildcard (12731)	Using a wildcard (? *) in a filter expression with entity property ID returns no valid values.
Duplicate with existing name (12730)	Duplicating a filter and using a name that already exists causes error "A filter with the same name already exists."
Multi-select on expressions (11642)	Multi-select in a filter definition (using CTRL or SHIFT keys) does not work as expected.

<b>Parameters</b>	
Nil parameter value (12164)	When a parameter value is not set and is added to the entity's description, the parameter designation string is output (e.g., [[length.Objective]]).
Remove parameter value in use (12163)	Removing a value that is in use in the description does not update the description.
<b>Reports</b>	
Date format options for entity values (11834)	If a date value that is part of an entity definition (attribute, property, or parameter) is output, the date format options in the designer are ignored.
Project Compare Report and parameter changes (12038)	The Project Compare Report has been enhanced to check and report parameter changes between projects.
Run report command and non-PDF formats (11685)	When running a script from the report context menu and selecting an output format that is not PDF, report parameters cannot be specified.
<b>Scripts</b>	
Duplicating a script (12608)	A duplicated script's default name has a space which is invalid.
Error when script ends (12740)	In Windows 10, running any script causes error "Error while unloading appdomain."