

CORE 8 Service Pack 1

21 November 2011

In addition to the specific problem resolutions listed in the table below, service pack 1 delivers one notable enhancement strongly requested by university instructors who attended the Insight 2011 User Group event. To support the growing number of capstone projects and team projects in the classroom, the University Edition now includes support for a publish-change-merge cycle. This follows the same process as commercial CORE users apply when not connected to CORE Server for live collaboration.

The team collaboration changes introduced in the University Edition service pack include:

- The ability to rename the user account so that changes are attributable to a specific team member. The Rename User command has been added to the Tools menu in the University Edition for easy access.
- The ability to select from four export options:
 - Project Backup – A full backup file of your project. If you are working on an individual effort, this is the correct export option.
 - Project Baseline – A full export of your project and which erases the merge history upon import so that changes are automatically tracked for integration. This is the first step in the team process and the proper export format after every merge.
 - Work in Progress – A working export of the project baseline with your current changes. Students use this format throughout the update cycle until sending a changes file to your project administrator.
 - Project Database Changes – An export including only the changes you made since merge history was last erased. At the end of an update cycle, this is the export option used to send your changes back to the project administrator.

A full description of the team merge process can be found in the Collaborating with CORE help topic available in the CORE online help.

Reference	Description	Resolution / Notes
Enhancement – License Web Form	The embedded licensing utility has been revised to automatically pass the CORE version number to the Vitech website to help guide the license request process.	Install service pack 1.
267 – DoDAF Report Typo	If you run a DoDAF report that stops with an error, the prompt title contains a misspelling – “Fatel Error” instead of “Fatal Error”.	Install service pack 1.
266 – Errant Allocation by Model Assistant	The “auto-allocate on decomposition” rule on the Model Assistant incorrectly adds the allocated to relationship for functions that are already allocated to another component. If allocation already exists for a function, the Model Assistant should not attempt to allocate the function when it is added to a function’s decomposition.	Install service pack 1.
265 – Resource Amount Format in COREsim Transcript	Resource amounts are not written to the COREsim transcript in a language neutral format. As a result, if the Windows regional settings for floats use a comma as the decimal separator, the resulting transcript cannot be properly parsed by programs such as Microsoft Excel.	Install service pack 1.

Reference	Description	Resolution / Notes
264 – Diagram Shape Import/Export	If a given CORE diagram includes more than one diagram shape, only the first diagram shape is maintained on project export and import. This same error can affect diagram notes but does not affect independent graphics inserted on diagrams.	Install service pack 1.
263 – Dialog Appearance with Large Windows Fonts	If your Windows environment is configured to use large fonts, certain CORE windows and regions do not size correctly. Note that this is independent of the default font specified in the CORE user preferences. This is also true by default in certain non-English environments (specifically Korean).	Install service pack 1. Four specific windows have been modified (login dialog, about dialog, university registration dialog, and the tip of the day pane).
262 – Hiding Branches on Activity Diagram Parallel Construct	When using an activity diagram, if you hide a branch on a parallel construct and then switch the display mode to hidden, the entire diagram disappears. The diagram does not redraw until you change the display mode back to standard or marked.	Install service pack 1.
261 – Terminology on Requirements Diagram Constructs Palette	The constructs tab on the requirements diagram palette uses CORE class terminology rather than the language of the SysML diagram. In place of “Components” and “Functions”, the palette should reference “Blocks” and “Activities”.	Install service pack 1. In introducing the diagram palette – and specifically the constructs tab – the intent is to use the native terminology of the diagram to lower the barrier of entry to MBSE.
259 – Korean Support in Element Table	The element and diagram tables do not properly support the Korean language in all fields. Hangul characters display properly in name fields but are garbled in description fields.	Install service pack 1.
257 – Find Perspective Error	When using the Find Perspective command in the project explorer, you receive a “selectFacility: not understood” error if you search for a perspective that exists.	Install service pack 1.
256 – Find Perspective Dialog Terminology Issue	When using the Find Perspective command in the project explorer, if you search for a perspective that does not exist, the text in the error message is wrong. The dialog reports “Phase Not Found” rather than “Perspective Not Found”.	Install service pack 1.
255 – Baseline Schema Objects Attributed to Administrator	In the new 8.0 versions of the baseline schemas, some of the schema attributes are shown as created by “Administrator” instead of “Vitech Corporation”. This makes it more difficult to identify customer-created schema extensions. This applies to both the base and DoDAF schemas.	Install service pack 1. This will not affect existing projects but will affect all new projects. To affect an existing project, simply export the project, delete the project from CORE, and reimport to force project creation.
253 – Error When Names Conflict Using Item Constructs on EFFBD Palette	When using the construct tab on the EFFBD diagram palette, the New Input, New Trigger, and New Output constructs result in an error if you enter an item name that already exists. Instead, this should display a standard CORE prompt that the item already exists.	Install service pack 1.
251 – Target List Fails to Respond on Property Sheet	In an element property sheet, the target list fails to update the first time you select a new relation from the list. All subsequent selections work correctly.	Install service pack 1.

Reference	Description	Resolution / Notes
250 – Relation Selection not Maintained on Property Sheet	When using the element browser view on the project explorer, CORE does not maintain the selected relation in the element property sheet. Instead, when you select a new element from the element list, the relation selection resets to the new “All Relationships” entry rather than maintaining the previous selected relation.	Install service pack 1.
248 – Permissions Issue with Elements Created by CSV Import	When using the CSV parser report, the resulting element permissions do not appear to work correctly. If the project is using element level permissions and a user or group has been assigned read permission, the user or group has the proper level of access (they can see the attributes and relationships via the property sheet, etc.) However, the element list shows “Insufficient privileges to view this element” rather than showing the name.	Install service pack 1. The initial permissions for elements created by the CSV parser are correct. However, the indexing mechanism used for the element list pane is not updated correctly. Installing the service pack addresses all future imports. To correct existing index issues, you must export and re-import your project.
247 – Failure to Resolve Path on ReferenceSpec Attribute	Using reports, it is possible to set CORE attribute values. However, if you using the scripting capabilities to set a referenceSpec attribute (an external reference), the value is set as an absolute reference. Instead, the value should automatically resolve to the base path specified for the project so that a relative reference is established.	Install service pack 1.
246 – Login Error Message when Trying to Log into Server without CORE Server Installed	If you attempt to log into a server machine that does not have CORE Server installed, you receive an error message stating “Invalid argument #1. Expected #ushort” rather than a prompt listing reasons why you may not be able to connect to the specified machine.	Install service pack 1.
245 – Intermittent Drag-Drop Error using Construct Palette	When using the new drag-drop capability to edit diagrams, you can occasionally receive “initializeClipboardFor: not understood” errors. You can proceed from the error with no harm, but the error is disruptive to the work flow. This is particularly true when using constructs on the FFBD, EFFBD, and activity diagram.	Install service pack 1.
244 – Spider Diagram Fails with Target Class Specification	Attempting to open a spider diagram using a hierarchy definition that includes target classes as well as relations results in an error. Spider diagrams can only be opened using hierarchy definitions that do not include target class specifications.	Install service pack 1.
243 – Error Using Delete Key to Delete Row in Document Parser Table	The document parser generates an intermediate table allowing you to review the parsing results before entering them into the database. You can delete individual rows from this table using the pop-up menu. However, if you select one or more rows and use the delete key, you receive warning messages (“Value Specified is not a possible value for this enumeration”) rather than the rows simply being deleted.	Install service pack 1. In addition, the Delete Element command has been added to the parser menu to simplify access to this command.

Reference	Description	Resolution / Notes
242 – Cannot Save COREsim Timeline as SVG	When working with a simulation timeline, you cannot save the timeline using the SVG graphic format. All other formats (JPG, PNG, BMP, and WMF) work properly.	Install service pack 1.
241 – Perspective Descriptions Contain Typos	Two perspective descriptions contain typographical errors. In the Full Detail perspective description, the last word should be “model” instead of “mode”. In the System Context perspective description, there should be only 1 period at the end of the paragraph.	Install service pack 1. This will not affect existing projects but will affect all new projects.
240 – Target-Based Filters Inoperable after Export/Import	When exporting and importing filter definitions (which are included in a standard export file), filters that rely upon targets appear to be corrupted. For example, using the Unverified Requirements filter which checks the size of a target set for a requirement results in a “schemaManager not understood” error. Using a filter that simply uses attributes works fine.	Install service pack 1. Installing the service pack addresses all future imports. To correct existing filter issues, you must export and re-import your project.
238 – Mouse Wheel Support in COREsim Transcript	Using the scroll wheel on the mouse does not scroll the simulation transcript window.	Install service pack 1.