

The following defects have been addressed in CAiCE SP6. Two minor new features have been added to the service pack to address existing customer issues (649159, 786888)

Additionally 4 defects were fixed for CAiCE SP6a. They are listed at the end of this spreadsheet.

No:	Defect ID	Description
1	564922	When the user deletes a project segment the data stored within the segment is deleted but the segment subdirectory is still retained.
2	566341	Problem resolving materials/areas with x-sections that have vertical links.
3	569825	The Geometry=>Spiral Curve Spirals=>Display command leaves the last element that was selected highlighted after the command has been executed and terminated.
4	570052	When exporting screen graphics to AutoCAD, using the Files=>Export Translators=>To AutoCAD=>Screen Graphic to DWG/DXF File , all cells that are exported are shifted from their original position.
5	571245	When using the X-Sections=>Combine X-Sections command, the user is unable to successfully combine 2 EAR files that reference the same surface names.
6	572496	In the Geometry=>Survey Chains=>Advanced Survey Chain Editor Defaults section of the dialog box, if the New Point Name prefix is more than 3 alpha characters, the application will only retain the first three characters when storing new points
7	588517	When using the DTM=>Edit DTM Points and Breaklines command and snapping first on one breakline and then another will cause the graphics for the DTM and the breaklines to disappear from the screen.
8	595446	<p>If the total path length in the <projectname>.jb\$ exceeds 48 characters CAiCE will crash when you click on the "?" in View=>Points or View=>Survey Chains command.</p> <p>If you try to export points to a CAiCE KCM file, there are issues with the path when points have been imported from Microstation and the path exceeds this same character length limit.</p>
9	597908	<p>The SnapR button for the point list for Grade1, Vertical Curve, and Grade 2 in the Geometry=>Profiles=>Best Fit command does not work correctly but the SnapR option from the pickers work correctly.</p> <p>When a point is excluded in either list and recomputed, an unexplained lower case "i" appears by the point in each list.</p>
10	605933	The X-Sections=>Edit/View X-Sections can cause an infinite loop depending on the name and length of the EAR file.
11	601481	After adding station equations to an alignment, CAiCE is no longer able to delete all the chain elements when the user chooses to delete the alignment.

12	598941	The user is unable to use gravity mode to store a point using the Digitize XY feature in the Geometry=>Points=>Store/Edit command after the DTM point is viewed using a symbol of "+" or "x". Gravity mode will not allow the user to snap to the center of the point, but instead snaps to the edge of the displayed DTM point symbol.
13	613883	The Tools=>Attach=>Earthwork Classification Table command from within the X-Section window stores the information to a different location than the Tools=>Attach=>Earthwork Class Table command from the main CAiCE window.
14	617484	Loading a CAiCE KCP into a project that does not have a feature table attached will cause CAiCE to crash.
15	645765	Rounding errors when using the KcGraphicsAttributes.kcDrawPolyLine in VBA macros.
16	646555, 696023	The Data Tips features does not display the survey chain topographic code (G or F).
17	649159 NEW	Added a custom menu within CAiCE that allows a user to use an Access MDB or other easily editable file.
18	667068	When pasting text into the 'segment' picker control field, the cursor is placed at the beginning of the pasted string when it should be placed at the end of the string.
19	678362	The Text Height picker control in the Settings=>Global Options shows an option for "-1 – Use Active Height" which should be removed.
20	682237	If a Fragment>Modify is performed, any comments in the VRS file related to the station being modified are deleted when a new VRS file is saved. The original comment lines are kept intact for any stations that are not modified.
21	685942	CAiCE hangs up when importing a BCXIT file to an EAR file.
22	687137	CAiCE quits abruptly when entering the Design Roadway X-Sections command if the path to project EAR files is too long (and/or contains spaces)
23	690226	When viewing minor stations using the Geometry Chain annotation command minor station, a truncate value of 1 generates incorrect minor station values.
24	690338	The DTM=>Site Design Grading command is no longer reading slope values from the table. It is using the default values.
25		The Trimble.LIB for the Trimble Interface did not support BEG and END codes for survey import.
26	696036	User encounters errors when importing a FBK file into a CAiCE segment.
27	697098	Rounding issues in Geometry=>Profiles=>Store/Edit as stations and elevations are entered because CAiCE is calculating the grades and then reapplying these values to recalculate the stations and the elevation.

28	697210	When editing DTM points using the DTM=>Edit DTM Points command, the elevation data for the point is being retrieved from a different surface.
29	697583	When cell and text are turned on for display in CAiCE using the point display settings and screen graphics exported out to DWG format, the resulting text is moved to a location of 0,0,0 rather than the insertion point associated with the cell.
30	697692	When an image is viewed as a draped image in CAiCE the resulting image is blurred and not as clear as the original image.
31	698216	When using the File=>Import Translators=>From AutoCAD=>DWG Blocks to Cell Library command cells with certain colors in the drawings are not created with the same color in the CCL file.
32	698221	CAiCE displays an error dialog for each line in PEN.TBL where the pen number is greater than 15.
33	698223	When importing a DWG file, there are several problems associated with cell rotations and cells that have been combined.
34	698224	When converting a Feature Table TBL file to an FTB file, if the filename is too long, then CAiCE aborts with a buffer overflow. An abort also occurs when exporting the FTB->TBL from the Feature Table Edit dialog.
35	698225	When previewing cells using the Settings=>Global Options some cells are displayed smaller than the actual sizes and shifted to the bottom of the preview window while other cells are not displayed at all.
36	698233	When a CAiCE KCM file with segment information is imported, the segments are not created in the project and are not listed in the Segment Manager after the import.
37	700007	There are rounding issues with the Geometry=>Geometry Chains=>Edit Horizontal Alignment command when comparing stored values against loaded values from the #HA file.
38	712698	The X-Section volume report using the X-Section=>X-Section Reports=>EndArea Volume is not using the Report Accuracy settings in the System Settings dialog.
39	720303	When using the Geometry=>Geometry Chain=>Edit Horizontal Alignment command the zones of an existing chain and the chain elements were altered when the Update button was used. The zones were changed to whatever the object defaults were set at.
40	720331	The Geometry=>Survey Chains=>Check For DTM Compliance report has extra hard returns making the report hard to read.
41	723407	The File=>Export Translators=>To IGRDS=>Sections=>TEX Format was not created the TEX file correctly.
42	727351	CAiCE aborts when importing an SDMS CAL file with >20 characters in FE (feature code) field.

43	727499	When viewing points By Window in a rotated view, the points viewed are the same as before the view was rotated.
44	739239	Incorrect station/offset values are being displayed when tool tip information is being displayed for points with respect to an active alignment.
45	742353	The superelevation SPL file created using the Geometry=>Geometry Chains=>Edit Super Elevation for Alignment command is not stored in the project directory.
46	751897	Superelevation rates are not been interpolated correctly between two stations if a transition station value is manually entered between two existing stations.
47	752671	Feature codes are not been assigned correctly when exporting x-sections to an EAR file when the x-section is created from a freehand x-section operation.
48	774215	When creating a station-offset report using the Geometry=>Miscellaneous Reports=>Station Offset; Points to Chain certain points are omitted from the resulting station/offset report.
49	775876	When using the Flexible File Format command to export an ASCII text file with Descriptions and Comments the resulting ASCII file displays the format string instead of the description and comment values.
50	780208	When importing a CAiCE KCM file containing points and chains associated with a segment, the resulting points and chains in the database are not associated with the correct segment.
51	781610	If the VRD/EAR files are located in a subdirectory under the project directory the computed superelevation rates revert to normal crown if a VRD file is edited and re-run within the same design session.
52	783403	CAiCE aborts when importing a specific customer CAiCE KCP file.
53	786827	In the X-Sections->X-Sections Report=>Advanced Endarea Volumes the report file created from the SaveAs option adds an extra .erp extension even if the file specified already has an .erp extension.
54	786888 NEW	KcLandXML: Added search paths for EAR files to allow the user to search project sub-directories as well.
55	787083	When running a VRD files with the ' Graphical ' option disabled, a buffer issue exits and sometimes CAiCE aborts.
56	787152	The Geometry=>Geometry Chains=>Edit Superelevation for Alignments and X-Sections=>Store X-Section Scanlines isn't using the Object Defaults Geometry Lines Zone value when creating the super elevation or scanline geometry lines.
57	787170	The X-Sections => Store/Edit X-Sections=> Surface => Store Offset Surface command copies the link features from the reference surface.

58	787716	The superelevation rates that are being calculated using the Geometry=>Geometry Chains=>Edit Superelevation command displays a 0.00001 super generated at zero super when it should be 0.00000 as read from the attached superelevation table.
59	789151	When importing line-work from a Microstation v8 DGN and filtering by color, some lines are not imported into CAiCE.
60	789157	When importing line-work from a Microstation v8 DGN, any line-work with a line weight of 0 does not get imported to CAiCE.
61	790835	When running a VRD file twice on the same station with the ' Graphical ' option disabled, the hook points are not seen to update because the fragments are inserted such that they overlap.
62*		Numeric point names are now allowed
63*		The point number portion of a point name string now properly converts to a "long" data type instead of an "integer". This removes a restriction that had limited point numbers to values smaller than approximately 32,000.
64*		Points in a LandXML file will import into a segment correctly provided the segment does not exist prior to importing.
65*		The setting "[Design Road]->"Classtable file" in the project ini file is no longer used so it's been replaced by "[Attached Filenames]" --> "Earthwork Class Table".

* - denotes that the item was added into sp6a.