

System Point Name Change

1. Overview

This utility will change the system name and user name of existing points in an APOGEE database. Point names are changed in system and user name, PPCL, graphics, and trends. In order to change PPCL that references point names with a define statement, the PPCL program will need to be exported and then re-imported after the tool has been run.

NOTE: System name change must be performed on a P2 panel database. If names must be changed on a Bacnet IP panel, then all trends on points must be deleted for that to work. To do this, export all trends using trend grid, delete trends from all points in the panel, run the system name change, then re-import trends using trend grid.

2. Preparation – Shown in videos 01-01 and 01-02

Prepare a spreadsheet with existing point names in column A and new point names in column B, as shown in Figure 1 below. A good way to start this is to use the Point Transfer utility in Commissioning Tool. From Point Transfer, click the “Export Field Panel” button and export the field panel to a spreadsheet. This will export a spreadsheet with the existing system names in column A. Delete all of the data outside of column A, and add the new point names to column B.

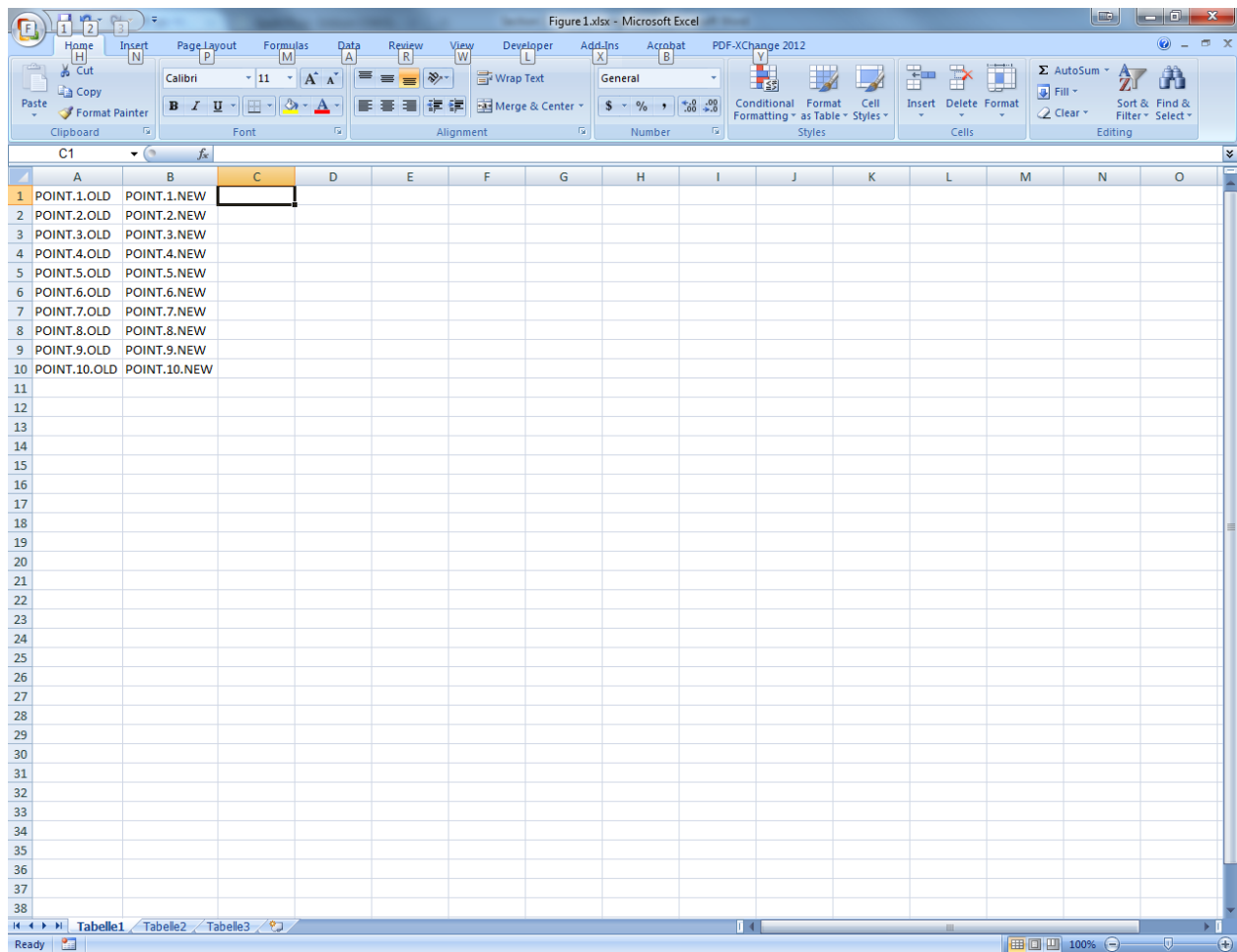


Figure 1: Example spreadsheet with old and new point names.

Once the old point names are in column A and the new point names are in column B, save the spreadsheet as a .csv file, as shown in Figure 2 below.

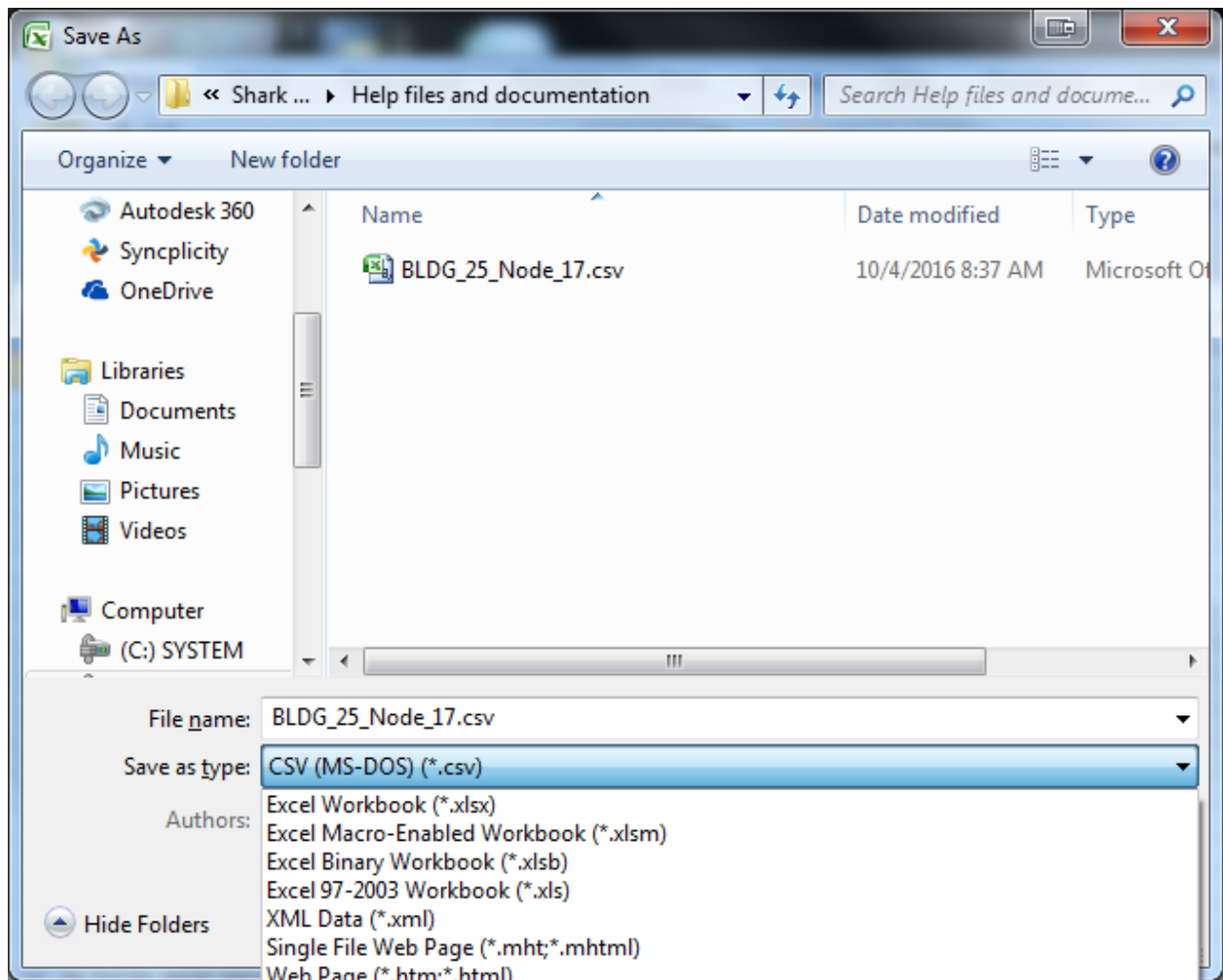


Figure 2: Save new name file as a CSV

Export any PPCL programs that use a define statement to reference the points that are being changed.

Even if there is no PPCL to export, open the project in Commissioning Tool. The system name change utility will use the last database opened in Commissioning Tool to know the database on which to perform the name change.

Close Commissioning Tool before beginning the process in the Find and Replace Tool.

3. Execution – Shown in video 01-02

Open the Find and Replace Tool and click on “System Name Change” as shown in Figure 3 below.

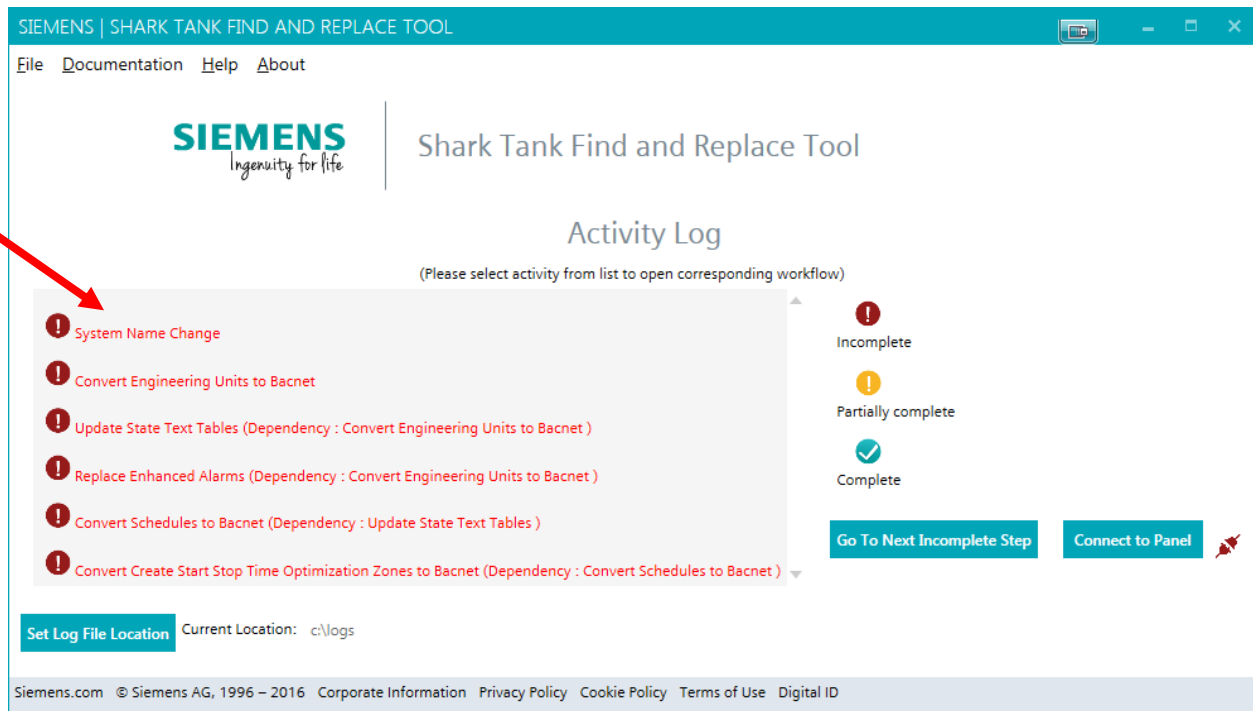


Figure 3: Find and Replace Tool main menu

After clicking on “System Name Change,” the system name change screen will appear. Use this screen to select the spreadsheet with new and old names that was prepared in step 1. Also use this screen to select the PPCL programs exported in step 1. If there is no PPCL with define statements to change, then only select the name change document. These are shown in Figure 4 below.

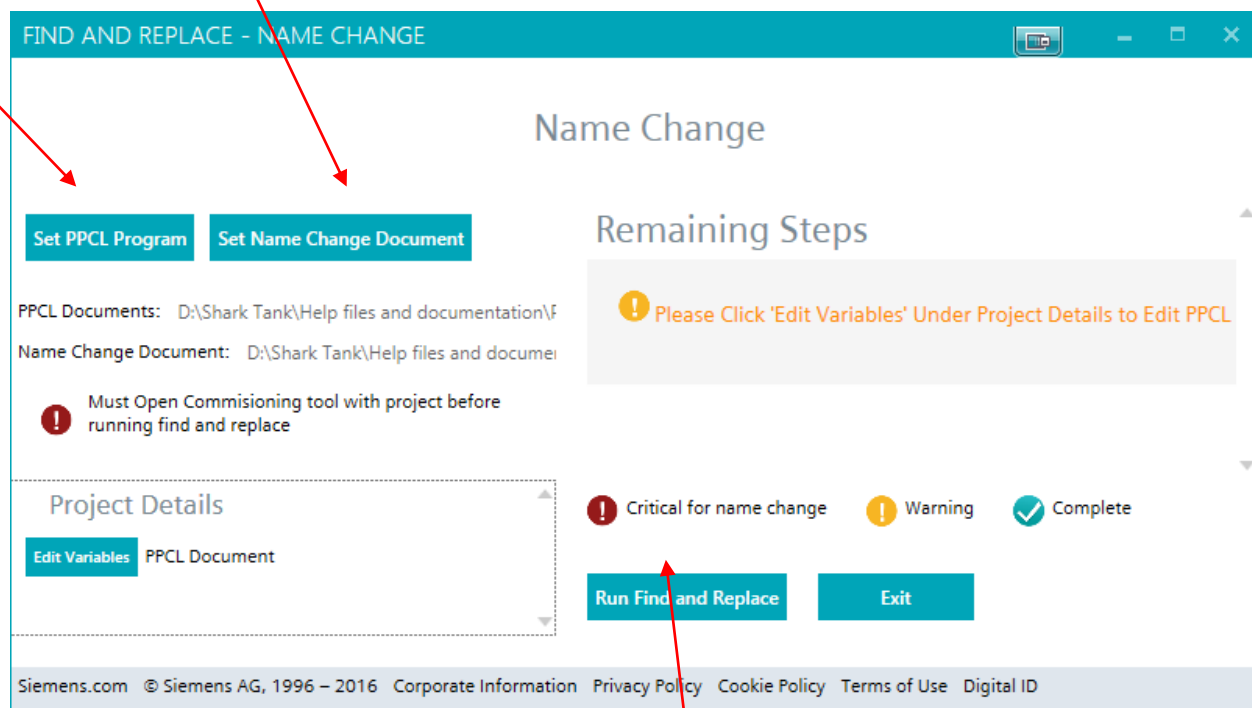


Figure 4: System name change screen

Once the documents are selected, click “Edit Variables” and a new dialog box will appear showing which define statements are in the PPCL selected. From here, edit the new define statements in the “NEW DEF” column. This will allow the program to replace existing define statements with new define statements that make sense with the new point names. This screen is shown in Figure 5.

EDIT PPCL DEFINE STATEMENTS

Edit Table Below To Set Define Statments

VARIABLE	CURRENT DEF	NEW DEF
A	BLDG25.EF1001A.	B25.EF1001A.
B	BLDG25.EF1001B.	B25.EF1001B.
AB	BLDG25.EF1001AB.	B25.EF1001AB.

Click in "NEW DEF" column to edit corresponding variable definition. Once all changes have been made click done.

Done

Figure 5: Edit PPCL Define statements

Now click the “Run Find and Replace” button shown in Figure 3 above. This process will take approximately 1 to 2 minutes per point. A log file will be generated once the process has completed. Consult this log to find any point name changes that are unable to be made. The most common cause of this is trying to change a point name to a name that already exists in the system.

Once the program completes the point name change, return to Commissioning Tool and open Program Editor. Import PPCL programs that were updated by the tool. This is shown in video 01-03.

This will conclude the point name change process.