

Creating Custom GEOPAK V8 Tool Frames

MicroStation utilizes resource files to store customized user interface items such as menus, icons, tool boxes etc. The GEOPAK Road tool frame resource file is named ...geopak\bin\gpk2001.toolbox. This file may be copied to the user's workspace directory for users who wish to create their own customized tool boxes, change tool tips, etc.

Procedure

- Copy the file

S:\CAES\MndotV8stds\DOT_GEOPAK\customize\gpk2001.toolbox

to the user's workspace user interface directory. For example:

C:\CAESCAD\Bentley\Workspace\Interfaces\MicroStation\default

Note: if the user has created a unique Interface, instead of adding this file to the "default" interface – put the file in the users unique Interface directory. Also, if you have users configurations on the network, this file would go there as well. The example is based on the user configuration files residing on the local machine

- Rename it according to this rule: If this directory is empty, rename it to ustn.m01. If the file ustn.m01 exists, use ustn.m02. Basically rename to ustn.m** where ** is the next highest numeric sequence of the existing ustn.m** files in the directory.
- Next, in a MicroStation session, create a new tool frame or tool box. From the DropDown picker at the upper left, select Tool Frames from the main MicroStation tool bar.
- Next, click New and enter a name - "MY GEOTOOL FRAME" Click OK to close the dialog.

A dialog opens for adding tools into your custom tool frame. A list of all available tools is displayed on the left (GEOPAK and MicroStation tools interspersed) and a blank list (destination list) is displayed on the right. Scroll down and expand the left side list to find tools. Use the "Copy>" button to add the desired tools from the left side to the right side to fill your tool frame. (You can also double-click or drag items from the left side to the right side. MicroStation commands may be mixed with GEOPAK commands on your custom tool frame.

- When complete, click Save in the upper right corner to complete the process.

Word of caution: If the user modifies the tool resources supplied by GEOPAK, (changing the icons, modifying tool tips, add new tools to it, etc) they cannot be updated in new GEOPAK releases. GEOPAK will always update gpktools.ma and provide a new gpk2001.toolbox, but will not support upgrading customized tool resources.

Also, using the customizable tool resources and the standard GEOPAK Tools simultaneously is not recommended. Utilize one or the other, not both.