



## Enforcer® Version 5.0

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### DGN Control Files – taking charge of control

DGN Control Files can play a major role in Batch processing functions in particular: Batch Analysis, Batch Correction and Batch Conversion.

The DGN Control File is regarded as the “controlling control file”. It defines the relationship between design files and specific “normal” Control Files. When a DGN Control File is loaded in Enforcer, by selecting the DGN Ctl option for Control Type in the main Enforcer Files dialog box, it is read first to determine which normal control file is associated with which design file. This relationship can be based on one of the following:

- The directory location of the design files
- The names of the design files
- The MicroStation project that the design files belong to.

A DGN Control File usually has a .DTL file extension (to distinguish it from normal .CTL control files), but this is not essential. It is an ASCII text file that can be created and edited with any text editor such as Notepad and has the following columns separated by commas:

- **Type:** Determines the basis of the relationship between the design files and the normal control file associated with them. This column must contain one of the following:
  - D or d:** The relationship is based on the directory in the Name column.
  - N or n:** The relationship is based on the file name in the Name column.
  - P or p:** The relationship is based on the project in the Name column.
- **Name:** This column is dependent on the contents of the Type column and is used to specify the directory location or file name or project of the design files associated with a particular control file. Wild cards (“\*” and “?”) may be used if Name refers to file names. They are not permissible for directory locations or projects.
- **Control File:** This column must contain the name of the normal control file to load.
- **Scale Multiplier:** Equivalent to the Scale Multiplier setting in the main Enforcer Files dialog box. If not specified, the default value is 1.
- **Plot Ratio:** Equivalent to the Text Plot Ratio in the main Enforcer Files dialog box. If not specified, the default value is 1.

- **Action:** Not implemented yet. Must contain the letter “M” which indicates that the features defined in the normal control file must be used to build the menu.
- **Auto:** Equivalent to the Auto Control option in the main Enforcer Files dialog box. Must contain either ON, OFF or WARN.

**Watch Out!**

The order in which lines are entered in the DGN Control is vitally important, especially if the Name column contains wild cards. Enforcer compares the name or directory of every design file with the pattern in the Name column and will load the **first** control file where it finds a match.

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