



Enforcer® Version 5.0

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Batch Processing – the ultimate timesaver

There are many instances where Enforcer's batch processing functions can help to achieve the best results in the shortest time. To list a few:

a) Imaginative use of the +AUTO option

Here are just two examples of harnessing the power of the Batch Correct File function:

- Attach the correct **Colour Table** automatically.
Make sure your control file contains a line similar to the following:
+REQUIRED COLOR_TABLE coltab.tbl + AUTO or
+REQUIRED COLOR_TABLE default +AUTO
Note: The second example ("default") will attach the standard MicroStation colour table.
- Attach the correct coincident **Reference Files** automatically.
Make sure that your control file contains a line similar to the following for each reference file that should be attached:
+REQUIRED REF_FILE reffile.dgn +AUTO.
- Attach the correct **Cell Library** automatically.
Make sure that your control file contains a line similar to the following:
+REQUIRED CELL_LIBRARY cells.cel +AUTO.
Note: Before attaching the cell library this command will re-index and compress the file as well.

When using the +AUTO option in this mode, ensure that the Auto Control option is set to ON.

Note: The same results can be achieved with the Batch Analyse function if the above statements are included in the control file during the end-of-project compliance checking procedure – a practice recommended by ADS.

b) Changing text elements to a different font within the same design file

Use the Batch Correct File function:

- The control file that matches the new design standards and therefore contains the new font code, is termed the To Control File. Load this control file in the main Enforcer Files dialog box.
- The control file that contains the previous design standards and therefore the “old” font code, is termed the From Control File. Load this control file in the Batch Correct File dialog box.
- Result: the relevant text features are modified and rewritten with the new font within their original design files.

Note: It is not necessary to define every feature in the From Control File. In fact it is more efficient to define only those features that need to be corrected and therefore rewritten. Features not defined in the From Control File remain untouched and unmodified in their original design files.

c) Converting cells in existing design files to match new cell libraries

There are two variations to this scenario that can both be resolved with the Batch Correct File function:

1. The new cell still has the same name as the old, but its image has changed. There are hundreds of design files that contain the old cell.
 - The identical control file can be used as both From and To. Again, it is more efficient to only have the relevant cell feature(s) defined in the control file, as this reduces the number of design file elements that have to be rewritten.
2. The new cell has a different name to the old, while its image may or may not be the same. Again, there are hundreds of design files that contain the old cell.
 - In this instance two different control files are required. The From Control File must define the relevant features with the old cell name, whereas the To Control File must contain the corresponding features with the new name. To improve efficiency, omit the definitions for all other features.

d) Renaming design files

Use the Batch Conversion function without actually converting any features:

Loading the same Control File as both From and To will ensure that all features are copied unchanged to the new design files. The names of the new design files can be changed during the conversion process by adding either a prefix or a suffix to the original file names, or changing the file extension.