

The devil is in the detail

Platform: MicroStation® V8.1 or later,
MicroStation PowerDraft®

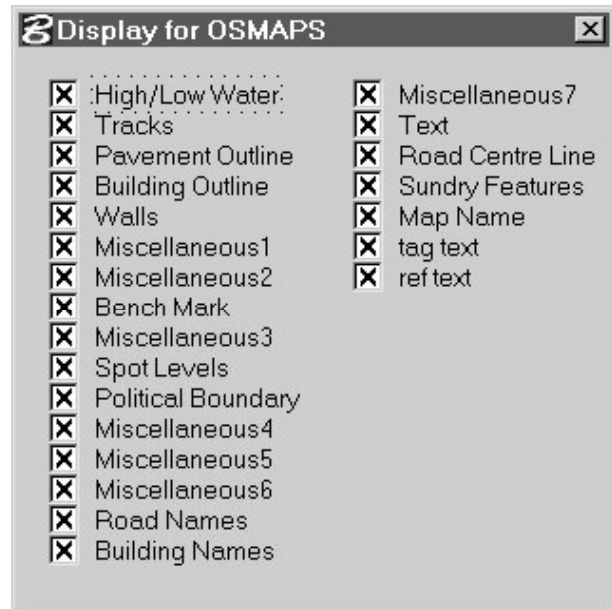
- Control display of levels in design and reference files
- Level names categorised by design discipline
- Multiple disciplines, multiple levels
- Menu names, dialogs, and level names are customisable
- No programming required
- Driven by XML menu file

FlexiLevel is a viewing utility for MicroStation and PowerDraft. It lets you control simultaneously the display of levels in multiple reference models. This utility lets you attach reference files from different design disciplines, each of which may have differing level naming and symbology conventions. Each level name appears by a toggle button in a dialog box named for a discipline. Clicking the toggle button changes the display of that level in all reference files belonging to that discipline.

Different disciplines may use the same design level for different purposes without conflict. The display of that level in reference files not included in that set is not affected. For example, suppose you are involved in site planning, and use reference files for map attachment and for your surveyors' drawings. If the same level is used by maps for building outlines, and by your surveyors for monument points, then the display of each of those is controlled independently.

Typically, a system administrator is responsible for assigning level names and structures. These are stored in a plain text file which can be modified using any editor. Once the specification is tested, it can be distributed to your users. You can copy the specification file to the required computers, or make it available as a network resource.

FlexiLevel is usually installed as a MicroStation *design application*, so that it is loaded automatically. It installs itself into MicroStation's main tool bar. The user sees a menu listing design disciplines, which when selected opens a dialog box similar to that shown above.



FlexiLevel affects only the display of MicroStation graphics. It does not modify the design file or any reference attachments. The level specification file can be modified at any time to let you create different menus and dialogs. You can create any number of specification files for different Workspaces.

FlexiLevel benefits from XML technology. The production of an XML specification file can be automated if you use a database or spreadsheet to maintain your projects' standards & symbology. It also enables hierarchical menus, which were not feasible in **FlexiLevel**'s predecessor. For CAD Administrators, we provide a level extractor utility, which produces a prototype level file from a DGNLIB or DGN file.

FlexiLevel's predecessor **Level Control** is available for MicroStation/J and contemporary versions of PowerDraft.