

## Cell Counter

Used to count the number of named cells within the active design file and its attached reference files. The report can either be displayed on screen or sent to a text file.

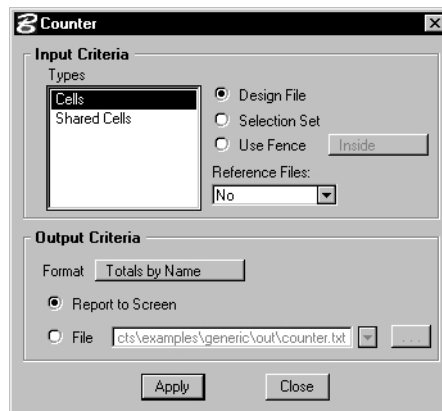
### ► To install the Cell Counter application

1. Double-click the file *counter.exe*.  
The WinZip Self-Extractor opens.
2. In the Unzip to folder field, type the location where you have installed MicroStation, for example, E:\Bentley.
3. Click the Unzip button.  
The file *counter.ma* is automatically installed in the Bentley\Program\MicroStation\mdlsys\asneeded directory.

### ► To open the Counter dialog box

1. Key in: MDL LOAD COUNTER  
The Cell Counter dialog box opens.

*Cell Counter dialog box*



## Using the Cell Counter application

► **To search the active design file for any existing cells and display the results of the search on screen**

1. If not already open, key in MDL LOAD COUNTER to open the Cell Counter dialog box.
2. In the Input Criteria section:
  - select Cells from the Types list box.
  - turn on Design File.
3. In the Output Criteria section:
  - set Format to either Totals by Name or Totals by Attributes.
  - turn on Report to Screen.
4. Click the Apply button.  
The View Report dialog box opens, displays the results of the search.

► **To search a selection set for any existing shared cells and save the results of the search to a file**

1. If not already open, key in MDL LOAD COUNTER to open the Cell Counter dialog box.
2. In the Input Criteria section:
  - select Shared Cells from the Types list box.
  - turn on Selection Set.
3. In the Output Criteria section:
  - set Format to either Totals by Name or Totals by Attributes.
  - turn on File.
  - In the File combo box, type the path and name of the file to which to save the results, or click the browse button (...) to select a different location.
4. Click the Apply button.  
The results are saved to the designated file.

## Input Criteria

### Types

Specifies the type of cells you are searching for. You can search for cells, shared cells, or both.

### Design File

If on (default), the entire active design file is searched for the existence of cells or shared cells.

### Selection Set

If on, only the current selection set is searched for the existence of cells or shared cells.

### Use Fence

If on, only the fence contents is searched for the existence of cells or shared cells. Options are Inside, Overlap, Void, and Void Overlap.

### Reference Files

No — If set (default), no attached reference files are searched for the existence of cells or shared cells.

If Locate is ON — If set, only attached reference files that are set to be located (Locate is on in the Reference Files dialog box) are searched for the existence of cells or shared cells.

Yes — If set, all attached reference files are searched for the existence of cells or shared cells.

## Output Criteria

### Format

Totals by Name — If on, the names and total number of instances for cells found in the search are listed.

Totals by Attributes — If on, attributes of cells found in the search are listed, in addition to the cells' names and total number of instances.

### Report to Screen

If on (default), displays the results of your query in a dialog box.

### (Report to) File

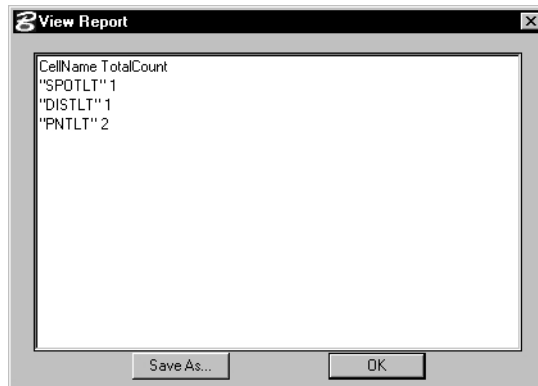
If on, the results of your query are saved to an ASCII text file.

The default path is

Bentley\Workspace\projects\examples\generic\out. Click the browse button (...) to choose another location in which to save the report.

### Apply

Opens the View Report window, which displays a list of all the cells or shared cells found in the query. Clicking Save As on the View Report dialog box enables you to save the query results to an ASCII text file.



### Close

Closes the Cell Counter dialog box.