

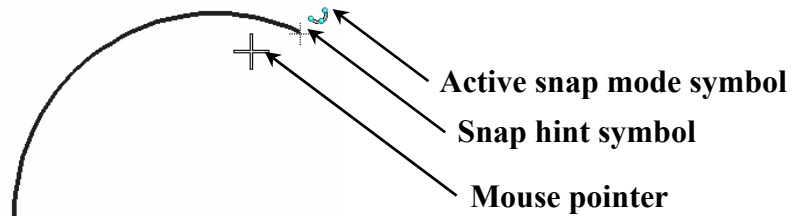


AccuSnap

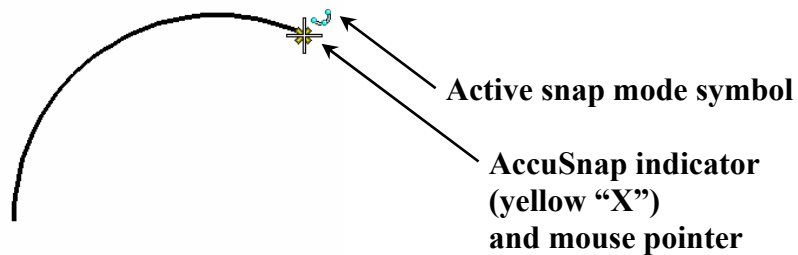
An improvement on the old Tentative snapping in MicroStation is AccuSnap which can locate exact positions on elements automatically (i.e. endpoints, center points, midpoints, etc.).

There are fourteen predefined settings that are used to snap to existing elements. These settings are called **snap modes**. Each specific snap mode, when active, will find and identify the locations on existing elements that it is assigned to. For example, when the midpoint snap is active, anytime the mouse pointer is close to a midpoint of an element (i.e. line, block, arc, etc.) AccuSnap identifies that location with a *snap hint symbol*.

This symbol is a small crosshair that will appear when the mouse pointer is “close” to the element. Along with the hint symbol, the small *active snap mode* symbol will appear. This symbol simply shows which snap mode is currently being used.



If you move your mouse pointer over the snap hint symbol, a yellow “X” will appear. The yellow “X” is the *AccuSnap indicator* showing that snap location can now be accepted with a <D> button.





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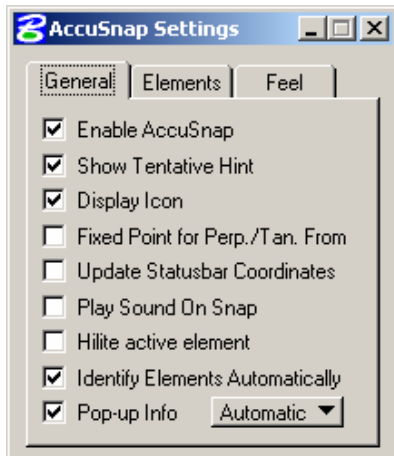
AccuSnap Settings

There are several AccuSnap setting options that are available in the **AccuSnap Settings** dialog box that control the operation of AccuSnap.

The AccuSnap Settings dialog box can be accessed from the following options:

- From the MicroStation menu bar, choose **Settings > Snaps > AccuSnap**.
- **<R>** on the *Toggle AccuSnap* button from the *Snap Mode* button bar and choose the *Properties* option.
- Choose *AccuSnap* from any of the snap flyout menus.
- Enter “**dialog accusnap**” in the Key-in window, (**Utilities > Key-in**).

The AccuSnap settings are separated into three categories or tabs. These tabs include the *General*, *Elements*, and *Feel* tabs:



General tab – Includes options specifying which AccuSnap features are active. It also contains options for turning AccuSnap on and off.

Elements tab – Contains options for allowing or preventing snapping to specific types of elements.

Feel tab – Contains options that will allow you to adjust the tolerance of specific Accudraw controls.

AccuSnap can be temporarily disabled by holding down the **CTRL + SHIFT** key. When it appears that AccuSnap is not working **CTRL + SHIFT** can also enable AccuSnap for commands such as Place Fence and InRoads tools.

[Robert Mecham](#) is a partner with the firm [The Envision Group](#) in Madison, WI. The firm specializes in MicroStation and the InRoads Suite of products. In addition to providing training for MicroStation & InRoads, they offer visualization services and consulting for clients throughout the United States.