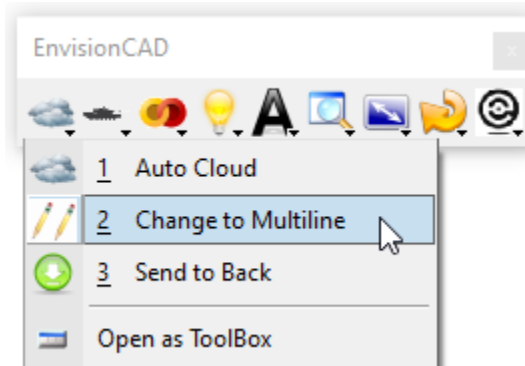




MicroStation VBA Macro: Change to Multi-line



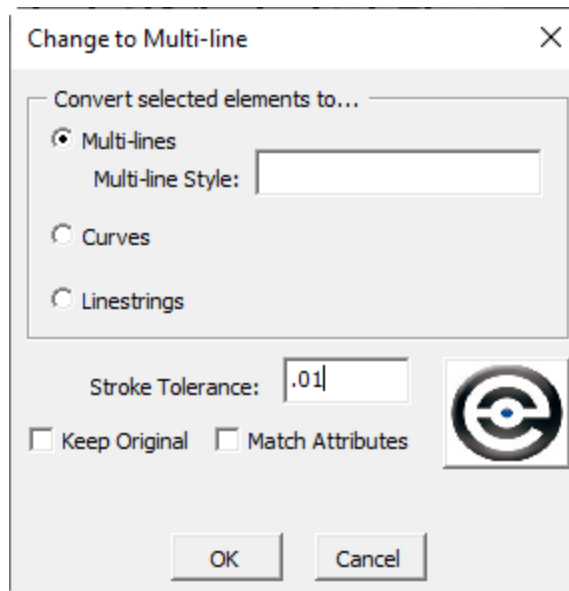
Note: menu options may appear different as more freeware tools are added

Key-in Command: VBA RUN [ChangeToMultiline]ChangeToMultiline

The Change to Multi-line macro allows users to convert lines, arc, curves, bsplines, and many other MicroStation element types to either a Multi-line element, Curve element, or Linestring element.

This macro solves two requested issues with MicroStation:

- Create Multi-line elements using arcs and curves
- A solution to the problem in MicroStation CONNECT where partial deleted curve elements are converted to BSpline elements.



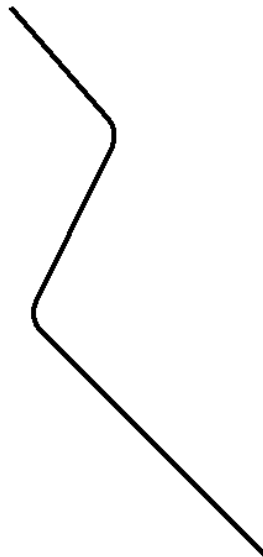


Tool Options:

- **Multi-lines** – will convert selected elements to Multi-line elements
 - **Multi-line Style:**
 - CONNECT Edition (shown above) – Key-in field where the user enters the name of the Multi-line style to use for the selected elements.
 - V8i (not shown) – a drop-down list of available Multi-line styles to choose from.
- **Curves** – will convert selected elements to Curve elements.
- **Linestrings** – will convert selected elements to Linestring elements.
- **Stroke Tolerance** – The selected elements are stroked (converted) to simple array of points so that they can be converted to the target element type. The stroke tolerance is the minimum distance between points that will be used in the stroking process when creating the point array. This value is in your active model's Master Units.
- **Keep Original** – When checked on, copies of the selected elements are stroked and converted to multi-lines. The original elements are retained.
- **Match Attributes** – When checked on the symbology attributes of the newly created element will match the attributes of the element being converted. When checked off the active symbology attributes are used to create the new element.

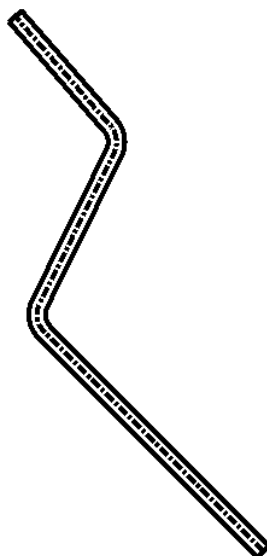
Prior to clicking the **OK** button all elements all elements to be converted must be in the active selection set.

Before Conversion:





After Conversion:



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