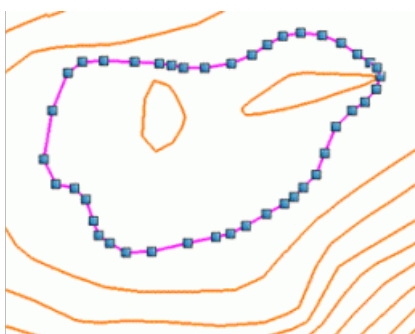# Linear Optimisation Technology to Compress Spatial Data Files

Safe Software announced a joint agreement with Oregon-based TCI Software. The agreement will see TCI's Curvefitter linear optimisation technology integrated into the upcoming release of FME 2007, providing users with the capability to create smooth linework from "point to point" linework while reducing file size by up to 80 percent. File size reductions of this magnitude will result in much faster processing times for CAD and GIS data, and fewer processing problems caused by limited available memory.

Curvefitter technology also allows FME users to create more visually appealing maps. Guided by a fuzzy logic processor, Curvefitter replaces a series of line segments with a combination of lines and arc segments to create smooth curving lines. In many cases this process improves the visual appeal of the map by recreating curves that are present in real-world features.

Curvefitter technology is available as an extra-cost item for the upcoming release of FME 2007.