

Frequently Asked Questions

What is the pricing for Crossfire? The first seat of Crossfire costs \$7500. Included is configuration, installation coordination, training, and first year's maintenance. Future year's maintenance is \$2500 per site and covers all upgrades and program bug modifications. All interaction is done remotely. On-site implementation and training is \$1000 per day plus expenses. Additional seats are \$2500 and volume discounts (10 or more) are available. Resellers receive discounts based on the level of service and support they provide to the end-user.

What does it do? Crossfire provides seamless integration between ESRI GIS data and Autodesk's AutoCAD software. Crossfire edits ESRI Geodatabases (SDE, Personal, File) directly from AutoCAD Map. AutoCAD creates graphics with object links to SDE so that attributes, along with graphics, can be edited simultaneously. Crossfire also reads raster datasets from SDE; a window prompt fills with raster imagery from the source dataset.

What makes Crossfire unique? Unlike CAD interoperability tools provided by both AutoDesk and ESRI, this is a true edit solution. No translation is required and Crossfire is 100% compatible both ways. It adapts to and streamlines your workflow and processes rather than reinventing them. Crossfire uses the software development tools of AutoDesk and ESRI which enables us to support all current versions of both tools, ESRI versioning, annotation, geodatabase defaults and domains, and much more. A useful function in Crossfire includes bulk loading: An entire subdivision of utility graphics can be developed in CAD, along with object data to house attributes, and bulk loaded into SDE. Any number of fields can be set to default when placed, as well as selecting an existing element to obtain its value. With Crossfire's *Zoom Arc to CAD* command, you can always keep the ArcGIS window zoomed to the same location as your CAD display to monitor GIS changes during the edit session.

Who developed Crossfire, GIS programmers or CAD programmers? Both combined to create crossfire. Crossfire was developed out of a need for direct editing of SDE. It came to be in response to users wanting to leverage their investment in AutoCAD software, tools, and personnel resources. The superior speed at which graphics are created in AutoCAD versus ArcMap was also a motivating factor.

What are the system and vendor software requirements? Crossfire does not require any special hardware needs. Crossfire runs stand alone and connects to an existing session of AutoCAD Map. All versions of AutoCAD Map from 2004 forward are supported (built upon Autodesk's SDK). Crossfire consumes an Arc license and can edit Personal GDB, File GDB, and SDE 9.x. (built upon ESRI's ArcObjects).

What ArcGIS SDE and geodatabase functionality does Crossfire support? Crossfire requires an Arc License and AutoCAD Map. As new graphics are created, geodatabase defaults are honored. Crossfire can add additional defaults as well. When editing existing records, the geodatabase domains are honored and provided as a dropdown menu in the grid.

How do you keep up with the AutoCAD Map and ESRI ArcGIS version changes? Since we have the luxury of using both development platforms, Crossfire stays 100% compatible with each. By virtue of using both company's development tools, we support most common functionality including versioning, annotation, domains, software versions, etc. When new releases are available, we will publish updated programs to those whose maintenance is current.

I want to remain primarily a GIS shop. How does Crossfire support that workflow? Crossfire does not require you to connect to SDE, may users use Crossfire to simply import existing CAD graphics into SDE. Once you have the graphics on the proper layers, Crossfire will create the proper elements in SDE through its "bulk load" feature. You can continue to house non-SDE data in CAD, but we suggest having only one source for the "live" data in SDE.

Is a demo or trial version of your software available? We do not currently have a demo offering due to the configurations necessary to get the system up and running. Secondly, each Crossfire installation is unique to each organization. We do, however, offer a demonstration video on our website that illustrates the functions of the software.

<http://www.emsol.com/VideoPlayer/VideoPlayer.Web/videoplayertestpage.aspx>