

internet developer kit & active server component



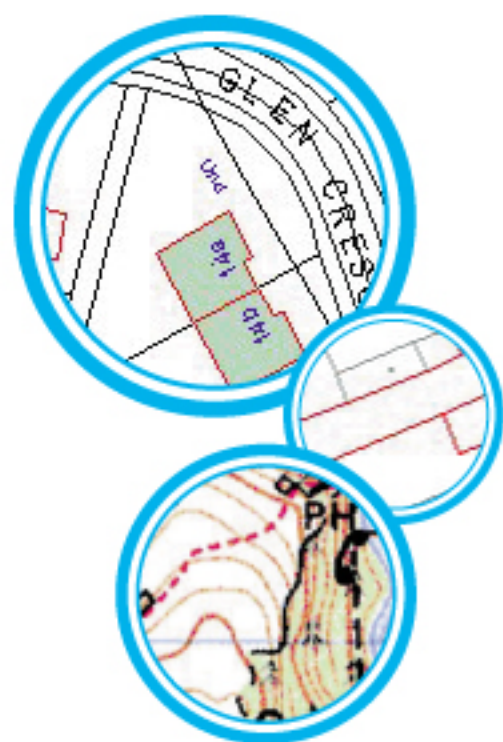
Distributed GIS for corporate networks and the Internet

Cadcorp SIS – Spatial Information System V5 is a family of end-user and developer Windows based GIS products. Cadcorp ASC (Active Server Component) extends the functionality of Cadcorp SIS - Spatial Information System for use over the Internet or company-wide Intranet. Cadcorp ASC is a dynamic, server-side Web-based GIS. Cadcorp ASC is not merely a map-publishing tool for pre-designed images, but a true interactive, web-based solution for real time map creation and analysis.

For Web-based applications development and testing, the Cadcorp IDK (Internet Developer Kit) includes the all tools needed to create server-based fully functional GIS applications. Clients using only an HTML browser, such as Netscape Navigator or Microsoft Internet Explorer can access these applications simply and elegantly.

The IDK includes the 'GIS powerhouse', a full Cadcorp SIS Developer licence. This provides access to numerous GIS formats, thematic mapping, and complex analysis, including routing and querying. Internet applications can be written with the IDK and Microsoft ActiveX Data Objects (ADO), which combine Cadcorp SIS mapping technology with database retrieval.

The IDK also includes the Active Server



Component (ASC) which manages the publishing of GIS information and the deployment of the applications. Concurrent user licence packs for 5, 10, 25, 50 and 100 users are available, making application deployment and expansion very flexible. The addition of new licence packs both easy and seamless to implement ensuring no disruption to your application.

With full server scalability, any Cadcorp ASC application can be supported from departmental to company-wide installations.

Key aspects of Cadcorp ASC

Cadcorp ASC applications can be either a thin client so the user only needs to use a standard HTML browser, such as Internet Explorer or Netscape Navigator. To insure quick access, it does not require users to download special



browser plug-ins for the client to run an application. This cuts down application training time and resources spent downloading, installing and configuring special client software.

Of interest to organizations with many types of data to publish, Cadcorp ASC can read and display any of the 35 plus standard data formats in their native format, thus avoiding any conversion. These formats include ESRI SHP, MapInfo MIF, MicroStation DGN, AutoCAD DWG, DWF and DXF, Ordnance Survey NTF and many others.

Cadcorp ASC is a dynamic Internet where client delivered commands trigger a server process against the available GIS data. The server will then deliver the results of this process back to the client. In contrast, a static application would simply return a pre-authored fixed 'snap-shot' of the GIS data to the client when requested.

If your Web-based application depends on accessing data that changes frequently and you need real-time results, not pre-prepared images, then Cadcorp ASC is the ideal solution.

Summary

- Access to the power of Cadcorp SIS V5 functionality supports simple queries to complex analysis
- Direct reading of GIS data formats means no data conversion saving time and money
- Standard Microsoft technology assures a familiar development environment; no new languages to learn
- No plug-ins on the client-side ensures easy access to application from various browser platforms
- Client needs only a standard Web browser, cutting costs and training time
- Scalable licensing increases user access to your application seamlessly while allowing managed growth
- Cadcorp ASC is proven in corporate intranet and Internet implementations worldwide

computer aided development corporation



cadcorp
Sterling Court, Norton Road
Stevenage, Herts, SG1 2JY

Tel: +44 (0) 1438 747996
Fax: +44 (0) 1438 747997
www.cadcorp.com