



A growing success in Spatial Information Systems

Over six thousand users worldwide depend on Cadcorp SIS - Spatial Information System - to provide digital mapping solutions for governments, emergency services, utilities, insurance organisations, port and river authorities, surveyors, telecommunication companies and many others.

Cadcorp SIS products use the same robust software engine to power a series of applications designed to meet your specific requirements.



Whether you need simple map viewing tools or a comprehensive enterprise-wide GIS, the Cadcorp SIS suite has the right solution. Each product works in the same way, uses the same tools and supports the same data formats. Further, by conforming to OpenGIS interface specifications, the software is at the cutting-edge of GIS functionality and industry standards.

Choose the desktop product to meet your needs, or create your own GIS applications with the powerful Software Developer Kit. You can even use the Internet Developer Kit to deliver advanced GIS over the World Wide Web.

With the SIS engine at the core, Cadcorp SIS offers a scalable solution with the peace of mind of full compatibility throughout the product range.

Keyfeatures of Cadcorp SIS

- Easy to use GIS software for Microsoft Windows 95, 98, 2000 and NT4
- Directly reads from and writes to over 45 GIS data and database formats
- Extensive support of coordinate systems and map projections
- Thematic Mapping Wizard easily guides the user through the map creation process
- Provides full user control of line styles, symbols and shading
- Print Wizards simplify the process of creating high quality maps and charts
- Supports OLE2 to insert your maps into other Windows documents
- Conforms to OpenGIS specifications for Simple Features, Grid Coverages and Coordinate Transformation Services
- Supports Microsoft Visual Basic for Customisation

Cadcorp SIS Map Viewer key features	●
Cadcorp SIS Map Manager key features	●
Cadcorp SIS Map Editor key features	●
Cadcorp SIS Map Modeller key features	●

Over 45 GIS and database formats supported	●	●	●	●
Database links including Oracle 8i, Microsoft SQL Server, Excel... (via OLE2)	●	●	●	●
Links to Word, Excel... (via OLE2)	●	●	●	●
Print wizards	●	●	●	●
Thematic mapping	●	●	●	●
OpenGIS conformant for simple features	●	●	●	●
Programmers version available (ActiveX)	●	●	●	●
250 Co-ordinate systems and transformations	●	●	●	●
Data creation and editing	●	●	●	●
Customisation using MS Visual Basic	●	●	●	●
Topology creation and editing	●	●	●	●
Advanced data creation and editing	●	●	●	●
Advanced thematic mapping	●	●	●	●
Creation of 3D views and terrains	●	●	●	●

Cadcorp SIS Desktop Products



Cadcorp SIS Map Viewer is an intuitive application to view and print over 30 GIS data formats with additional thematic display capabilities.



Cadcorp SIS Map Manager is the entry-level GIS application to capture, edit, manipulate, view, analyse and export spatial information. Using powerful Wizards to guide the user through spatial searching, thematic presentation and printing, Map Manager is the ideal package for departmental GIS.



Cadcorp SIS Map Editor is a professional GIS, which offers all the capabilities of Map Manager, with extended data capture and editing tools plus advanced spatial and topological analysis. Map Editor is designed to meet the requirements of enterprise-wide GIS.



Cadcorp SIS Map Modeller extends the functionality of Map Editor with three-dimensional capabilities, including surface generation, extrusion, DEM support, image draping and OpenGL visualisation. Map Modeller is the flagship product within the Cadcorp SIS suite, designed for advanced GIS visualisation and analysis.

Cadcorp SIS Software Developer Kit (SDK)



The Cadcorp SIS Software Developer Kit (SDK) is a powerful GIS application development environment. Developers can harness the full power of Cadcorp SIS, including the advanced user-interface tools such as Wizards, Overlay Dialogs and Print Templates. Using standard ActiveX technology, the SDK can be used with development languages such as Visual Basic, Delphi, C++ and PowerBuilder.



Cadcorp SIS

Control Development Modules (CDM)



The **Control Development Modules (CDM)** are run-time licences that enable developers to deploy any applications written using the SDK, with the Cadcorp SIS functionality required.

Current applications developed include solutions for Emergency Services Routing, Land Management, Broadcast Signal Propagation Analysis and Network Analysis.

Cadcorp SIS Internet Developer Kit (IDK) and Active Server Component (ASC)



Most organisations are looking at e-commerce and the World Wide Web, to identify what benefits can be obtained through this new and exciting media. The GIS community is no exception and many organisations are looking to display spatial data effectively, via the web. Cadcorp is at the forefront of the next generation of online GIS, allowing users to view and manipulate spatial information through a desktop browser.



The ASC extends the functionality of applications written with the IDK for deployment over the web. Third parties can develop server based, fully functional GIS applications that can be accessed by clients that only have an HTML browser.

The ASC allows geographic information, available in any of the 45+ GIS and Database formats supported by Cadcorp SIS, to be delivered over the Internet or an Intranet.

The IDK/ASC combination is the ideal tool to create fully functional, server based GIS applications for the web.

Key features

of Cadcorp SIS Internet Products

- Access to the power of Cadcorp SIS V5
- Direct reading of GIS data formats means no data conversion, saving time and money
- Standard Microsoft technology assures a familiar development environment
- Universal access to spatial data via Netscape Navigator or Microsoft Internet Explorer
- Scalable licensing allows managed growth
- Cadcorp SIS IDK / ASC are proven in corporate Intranet and Internet implementations worldwide

Cadcorp SIS Enterprise Development Kit (EDK)

The EDK provides developers with access to the complete range of Cadcorp SIS development functionality – offering the combined capabilities of the :

- Software Development Kit (SDK), enabling the creation of embedded ActiveX solutions
- Internet Development Kit (IDK), enabling low cost spatial data application development for the web.

Cadcorp - experience through success

Cadcorp takes pride in offering a first class series of end user products aimed at different types of users, as well as tools for the application developer.

Within the Cadcorp SIS V5 product line you can find the right GIS tool for your needs.

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

cadcorp sis

