

SIS control development modules



The power behind rapid GIS application development

From the simple process of creating spatial data and map viewer applications to developing a full corporate applications, the Cadcorp SIS Control Development Module suite offers developers the functionality to deliver fast-track geographic information system (GIS) applications.

The development suite comprises:

- Cadcorp SIS Control Development Viewer
- Cadcorp SIS Control Development Manager
- Cadcorp SIS Control Development Modeller

These ActiveX modules are packaged to mirror the functionality available in the Cadcorp SIS suite of 'off-the-shelf' products.

The power to view and print maps through to inclusion of database analysis, map production, thematic mapping and 3D modelling functionality can be integrated into new or existing corporate applications without the need to "re-invent" GIS technology.

Developing Applications? Don't re-invent the wheel

The growing trend to integrate geographic and spatial reference information within existing management can be challenging and complex for applications developers.

Many GIS packages have intricate proprietary databases in which to store and manipulate graphic information, and the techniques



used to integrate with external data sources can be complex and restrictive.

Because of these issues, application developers and corporate systems managers are justifiably cautious of linking to superficially impressive GIS.

Cadcorp SIS Control Development Modules offer fast, capable functionality for application developers.

Designed to meet industry standards

Since its inception in 1991, Cadcorp has created all of its graphic software products to run on Microsoft Windows. Now embracing Open GIS Interfaces to Simple Features, Coverages and integration with SQL 92 databases, Cadcorp is forging ahead in the drive for open standards in GIS software.

All code which comprises the Cadcorp Spatial Information System (Cadcorp SIS) product suite:

- adhere to Microsoft Foundation Classes for fully Windows compatible products across all platforms
- use an up-to-date industry standard language - Microsoft Visual C++ and object-oriented principles to ensure the product life span
- embrace Open GIS interfaces
- read data and analyse it in native format - do not translate it to a less useful substitute
- offer a modular suite to better match developer applications
- are proven in professional applications world-wide

Simplicity of use with hidden power

By using the Cadcorp SIS Control Development Modules you have the power of Cadcorp SIS with the interface of your own design using any application development environment which supports the use of OLE Controls (OCX) and ActiveX, e.g. Microsoft® Visual Basic, Microsoft Visual C++, Borland Delphi.

Cadcorp SIS Control - supporting information management standards

- Multi-user access and networks

Correctly managed distributed databases and project information control are pre-requisites

in multi-user business environments. The Cadcorp SIS Control supports true linking and sharing of data within the most complex data and network environments.

- Data integration - making it easy

Many textual applications lack the capability to link to out for associated graphics and maps. Furthermore, getting the graphics in the most suitable format is not always easy.

The inherent capability of the Cadcorp SIS V5 environment to read native digital map and database formats via 'Plug-In' component datasets makes integrating information simple and "version proof".

- OGIS - Open GIS standards

Cadcorp SIS V5 product and development suites are designed, where appropriate, incorporating OGIS Interfaces - the world-wide body for common procedures and standards regarding the integration of spatial data within global IT. This ensures future compatibility of any systems using Cadcorp SIS functionality.

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