

Bespoke GI Solutions - OpenWINGS™

Deliver your business strategy with GI

Making GI work for your business can be difficult with off the shelf GIS packages. To successfully integrate GI across the enterprise, the flexibility to adapt to different user needs is fundamental.

OpenWINGS is the ideal platform for delivering highly configurable business specific applications, at off the shelf prices.

What is OpenWINGS™?

OpenWINGS is a fast, highly configurable and efficient platform for delivering customised GI applications for your enterprise. Developed in close collaboration with some major UK utility companies, OpenWINGS is the ideal solution for delivering user specific GI applications, which share a common corporate database, tightly integrated with other IT systems.



Sewer network and aerial photography in OpenWINGS

What makes OpenWINGS™ different?

OpenWINGS has been designed from the bottom up to be highly configurable and customisable using embedded scripting languages (such as VB script, Delphi, Java script etc) and XML.

Whilst all users across the enterprise share a common corporate GI database, users in one department may use a different front end application to users in another. This ensures that the GI applications can meet real business needs – rather than trying to fit business processes around off the shelf GI solutions.

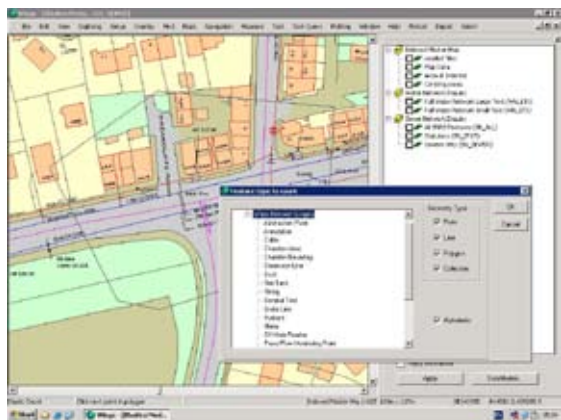
Key Benefits

- Low cost of ownership
- Highly configurable
- Functionally rich with access controlled functions
- User configurable
- Ease of integration with other corporate systems
- Web based applications
- Customised forms builder application

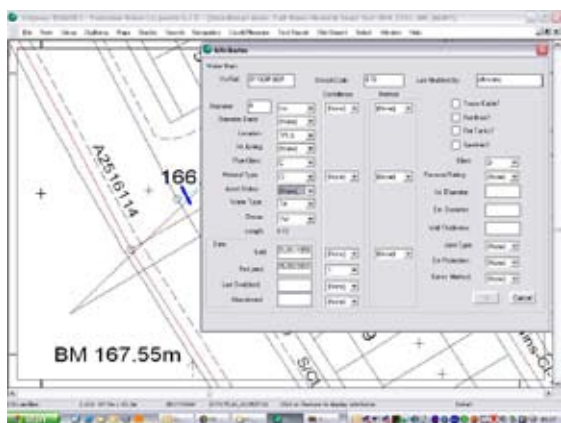


Bespoke GI Solutions - OpenWINGS™

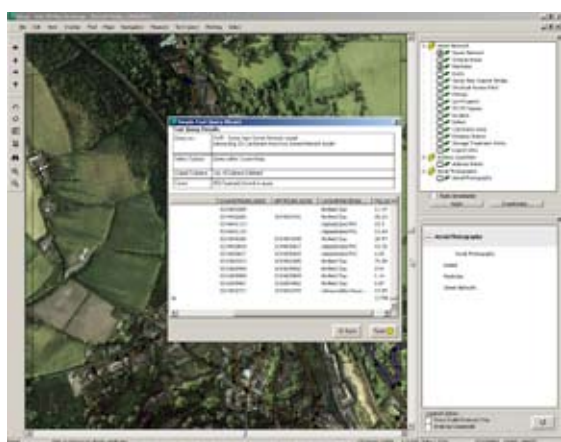
Key Features



Base data and sewer network in GML



Custom dialog in OpenWINGS™



Query in OpenWINGS™

Configuration

- Simple to configure using standard scripting languages & XML
- Powerful form builder
- Configurable interfaces on a per user basis
- Multiple window support
- Easy integration with other IT systems

Open Architecture

- Object oriented system based on modern design conventions
- Complete GIS object model
- Accessible via Active Server Pages

Form Builder Application

- WYSIWYG form builder
- Customise dialog boxes, toolbar components, help applications

Secure Database Connections

- OpenGIS compliant OLEDB provider
- Fast database access using efficient logical views
- Fast spatial querying facilities to any relational database
- Fine grained concurrent access control

Format Support

- Direct support for all common GI formats without conversion
- On the fly projection conversions
- Direct support for GML

Topology & Digitising

- Powerful on-the fly topology maintenance
- Rules based topology
- Extensive suite of digitising and surveying tools
- Historic archive of digitising – change over time display options

Representation

- Flexible labelling and buffering of features
- Wide range of drawing tools
- Customisable style libraries
- Features themed using pick-lists, date range, regular numeric values, ages
- Animation of overlay elements (e.g. vehicle locations)

Other Features

- Network tracing and routing functions
- Plot designer/ common drawing surface
- Export/import supports a wide range of formats
- Powerful query functions
- Ideally suited for mobile applications

