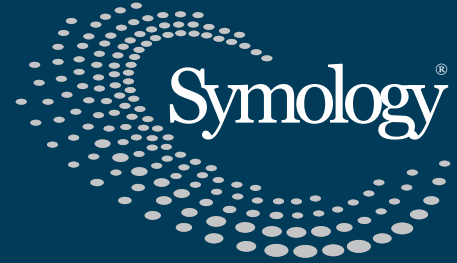


Street Gazetteer Module



Summary

The Street Gazetteer module sits at the heart of the Insight system, providing a core locational index, which all data recorded throughout the system is referenced to.

In the UK the Street Gazetteer is normally implemented so that it conforms fully with BS 7666 National Street Gazetteer requirements. It can however be implemented as a simple register of streets, RMMS sections or properties, without adhering to these standards, if required.

Sophisticated embedded mapping functionality enables the Street Gazetteer to be represented spatially in the form of road centre lines.

A full suite of tools for maintaining a Level 3 National Street Gazetteer are also available. This includes the ability to import OS MasterMap ITN data and use it as the basis for maintaining the spatial data element of the Gazetteer.

Associated Street Data, such as Reinstatement Designations and Special Designations can also be managed in this module. With the embedded GIS tools, this data can also be plotted and managed spatially. Auto-plot facilities enable the user to define offsets from the road centre line when plotting this data.

Full facilities are provided to import and export the National Street Gazetteer and Associated Street Data in the nationally agreed formats.

Powerful Index Group functionality provides the capability to sub-divide the Street Gazetteer into any number of different zones. For example, Operational Areas, Inspector Areas, Political Wards, Utility Boundaries etc. An unlimited number of Index Groups can be managed and maintained in this module.

Once defined, Index Groups can be used for a variety of different purposes; these include reporting, determining view/update access for users, and the automatic allocation of works orders, inspections, street works notices and customer service requests.

Index Groups can also be defined and represented spatially using the embedded mapping functions.

Any number of external digital objects, such as photographs, videos and word processing documents can be attached to Street Gazetteer entries.

Facilities are also provided to define and store any additional fields, which the user may wish to store against each entry.

Key Features

Compliance with BS7666 - National Street Gazetteer requirements

DfT RMMS Sections and Properties option

Sophisticated embedded mapping functionality

Fully linked spatial representation of Street Gazetteer

Comprehensive National Street Gazetteer Maintenance tools

Additional Street Data maintenance facilities

Facilities to match ITN against NSG and merge the two data sets

Ability to use ITN as the basis for maintaining the spatial element of the Gazetteer

Auto-plot facilities with offset capabilities

Import/Export NSG and ASD functions

Areas of Interest for inspector patches, divisional boundaries, work allocation areas, etc.

Street "ownership" records

Full audit trail and NSG Version integrity

Links with all other Insight modules

Additional Object fields for storing Photographs, Video Clips and Scanned Documents

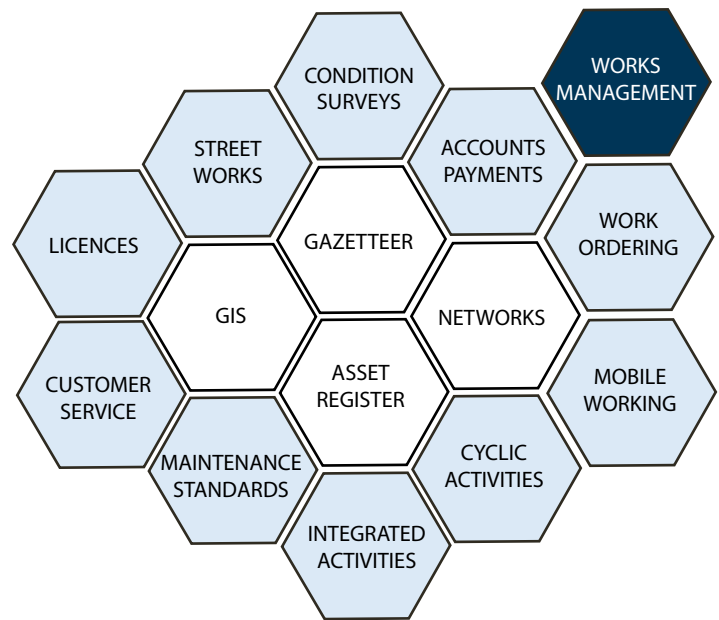
User-definable screen formats

Insight comprises a range of highly integrated modules that can be used in various combinations, to provide individual solutions for the areas shown on the diagram in beige.

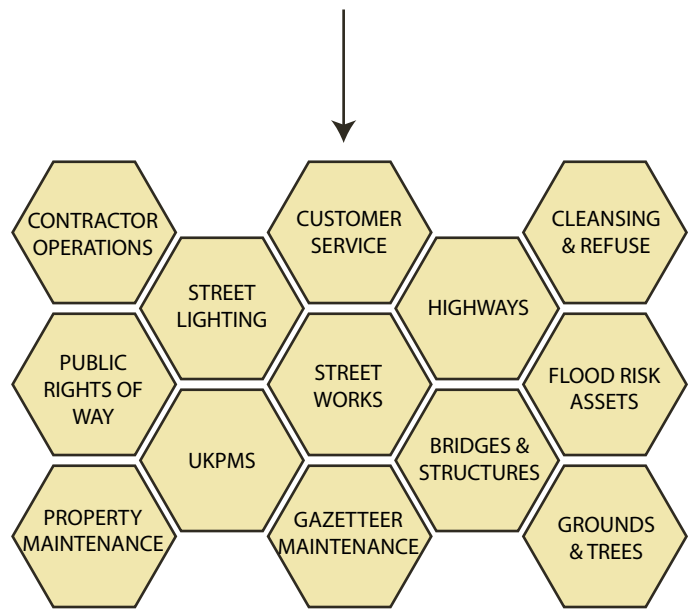
In total, the system provides the capability to manage ALL of these solution areas as part of a single integrated system.

This offers the opportunity for cost and efficiency savings (in line with the Gershon review), by streamlining operational practices and reducing the number of systems used to manage these areas.

Further savings can also be realised, since only one set of interfaces are required to be established and maintained with external and corporate systems.

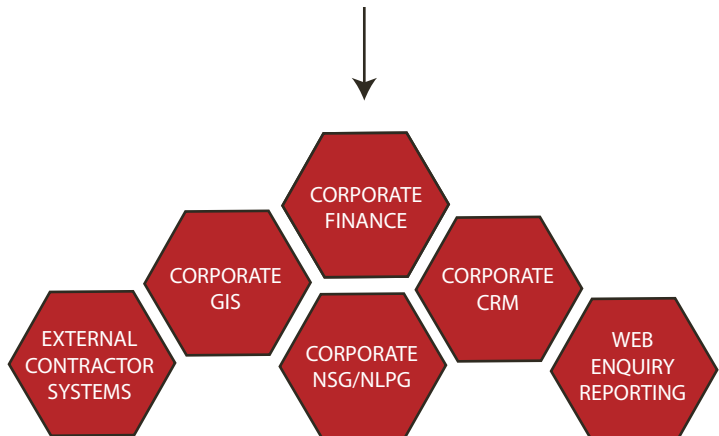


MODULES



SOLUTION AREAS

WEB SERVICES (XML & SOAP)
COM and ODBC



CORPORATE/EXTERNAL SYSTEMS

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