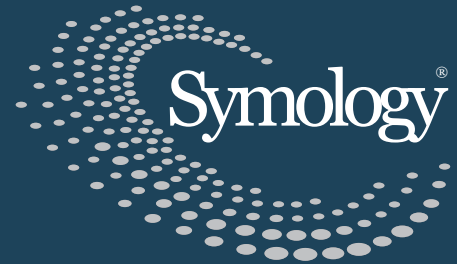


Condition Surveys



Summary

Effective asset management requires an accurate and detailed assessment of the condition of all elements of the asset base.

The Condition Surveys module provides a means of defining the condition data required, and then collecting and storing it for analysis.

The module accommodates all types of condition data for highways, street lighting, bridges/structures, properties and grounds.

To achieve this flexibility, the different formats in which condition data may be stored are defined using a dictionary system, which may be tailored by the user to meet each individual requirement.

Many different types of survey may be defined, each with its own set of possible observations and measurements. Standard survey types, including those required for UKPMS and Bridges/Structures BCI calculations are provided in ready-built form.

Each element of condition data is collected as a result of a survey of a particular asset. High priority, safety-related defects, which are detected during a survey, can also be processed as work through the Insight General Maintenance module.

Much of the data may be collected from visual surveys, normally using Symology's mobile device software, but machine testing and collection techniques are increasingly common.

Survey data can therefore be imported, either using industry standard HMDIF formats with embedded asset referencing, or using a generalised data load facility which auto-references the data to a defined survey schedule or route.

The Insight Maintenance Standards module forms an ideal partner to the Condition Surveys module, enabling the data to be processed in accordance with a user-defined set of rules.

These facilities enable the user to detect trends in condition status, predict the demands for expenditure to achieve given service levels, assess "best value" priorities and determine optimum maintenance programmes. The processed can then be plotted on the embedded mapping system to provide an instant visual display.

The Condition Surveys module can also be used in association with the Cyclic Activities module. This enables cyclic frequency patterns to be setup for each Condition Survey that is defined in the system.

Key Features

User-defined surveys and observations

Surveys can be defined at Gazetteer, Network Sections and/or Asset level

Standard UKPMS visual and machine surveys available to be pre-loaded

Standard Bridges/Structures Survey definitions available to be pre-loaded

All methods of asset referencing accommodated

Comprehensive data import facilities, including full HMDIF support

Machine data load facility, based on defined schedule/route

Survey planning and prompting

Fully integrated with Cyclic Activities

Links with embedded GIS system for map-based display

Links with General Maintenance and Works Ordering for priority defects

Mobile data collection facilities using Insight Mobile software

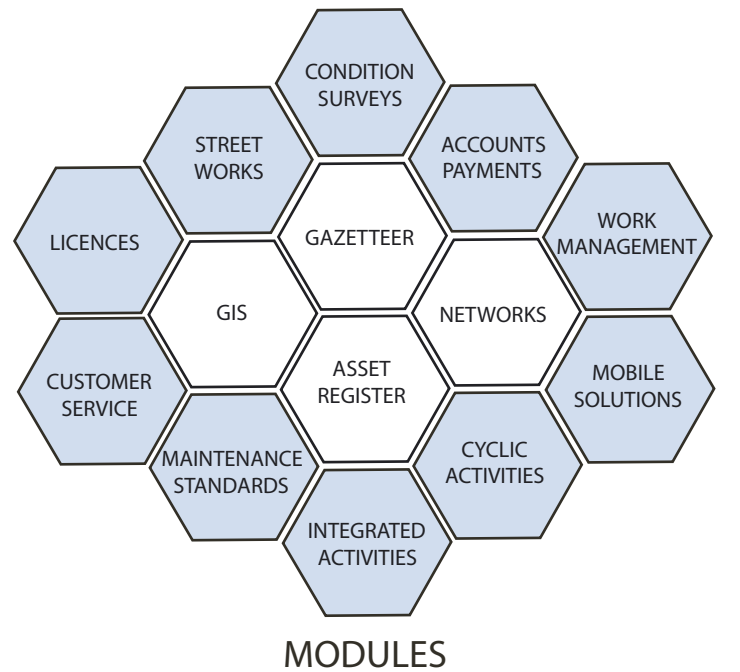
Comprehensive and integrated Asset Management information

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.

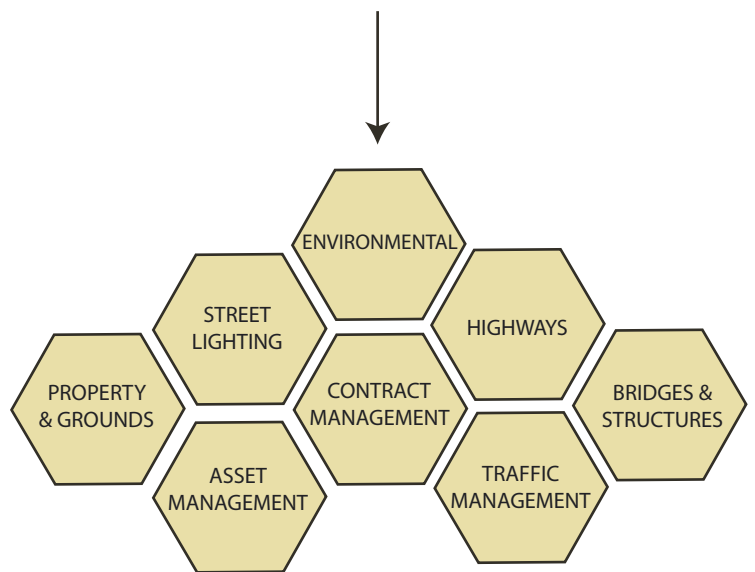
In total, the system provides the capability to manage ALL of these solution areas as part of a single integrated system.

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



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