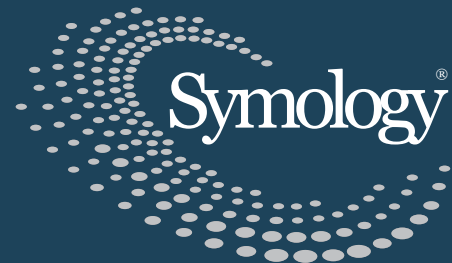


# Cyclic Activities



## Summary

Within an asset management environment, many activities are carried out on a cyclic basis:

- Safety inspections of carriageways and footways in accordance with the Highway Maintenance Code of Practice.
- Safety and Structural inspections of bridges and structures in accordance with the Highway Structures Code of Practice.
- Electrical Testing of Street Lighting stock and illuminated signs in accordance with the Well-Lit Highways Code of Practice.
- Condition Assessment surveys such as UKPMS CVI, DVI of Carrigeways and Footways.
- Rolling work programmes for preventative treatments, e.g. highways gully emptying, slurry sealing, bulk changing and cleaning of street lights and signs, central heating servicing, weed killing etc.

The Cyclic Activities module provides a means of creating, executing, and monitoring a programmed schedule of activities for all of these requirements, and many more.

Full integration is provided with Condition Surveys, General Maintenance and Works Ordering modules.

Observations and defects detected during cyclic inspections are passed directly into these modules for condition assessment and works ordering, as appropriate.

Cyclic maintenance activities can be used to auto-generate works orders, allocate funds, and monitor the activities through to completion.

Activities are prompted as they become due, resulting in printed due lists, works orders, or information downloaded to mobile devices, as appropriate for each activity type.

A full history of completed activities is maintained, including details of who undertook them and any observations or defects which are recorded.

This can be of great benefit, when needed to provide a defense against third party public liability claims for negligence in maintaining the assets.

## Key Features

*Scheduling of Cyclic Inspections and Maintenance Activities*

*Single or Composite Inspections*

*Integration option for Safety Inspections and Visual Surveys*

*Operates at Gazetteer, Network Section or Inventory Item level*

*"Inspector Patches" and other "Areas of Interest"*

*Automatic "next cycle" programming*

*User-defined frequencies*

*Calculation of activity time*

*Compliance with Codes of Practice*

*Random Sampling facility*

*Full history audit trail*

*Evidence for liability claims*

*Inspection lists downloaded to mobile devices or printed*

*Inspection results imported from mobile devices, including defects*

*Integration with General Maintenance/Works Ordering modules*

*Integration with Condition Survey module facilities*

*Comprehensive monitoring facilities*

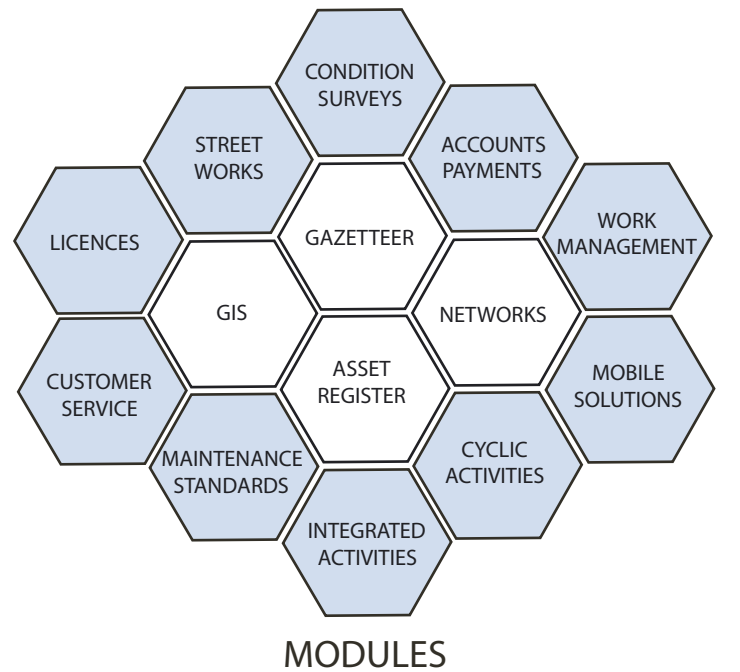
*Management Information*

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.

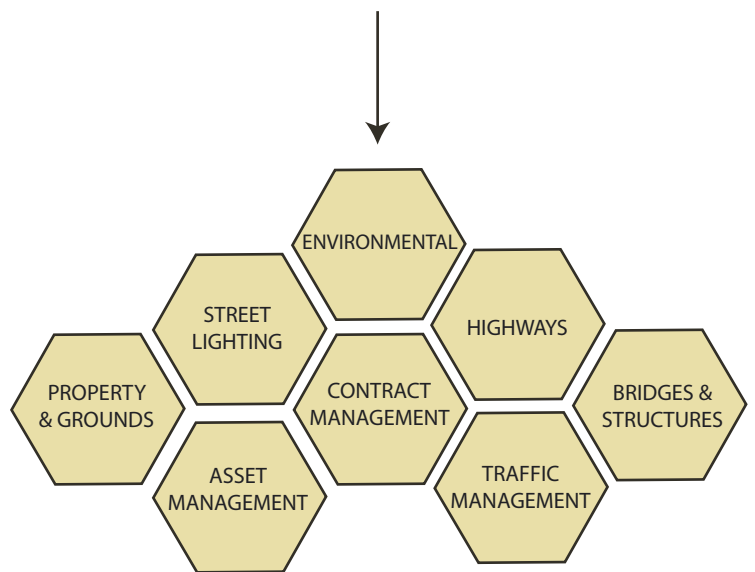
In total, the system provides the capability to manage ALL of these solution areas as part of a single integrated system.

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



CORPORATE/EXTERNAL SYSTEMS

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