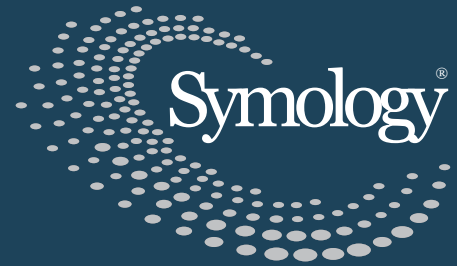


Asset Valuation



Summary

Insight's Asset Register and Networks module provides comprehensive facilities for the storage and maintenance of all infrastructure assets. The Asset Valuation sub-module strengthens the benefits of a single integrated Asset Register by providing a transparent and auditable mechanism for valuing assets in accordance with nationally published guidelines.

The Asset Valuation facilities allow multiple Valuation Sets to be defined. Each Valuation Set comprises the Highway Infrastructure Asset Type e.g. Roads, Footway/Cycle Routes, Highways Lighting etc., and allows these to be divided into Asset Groups and Sub-Groups so that Unit Rates and Gross Replacement Cost (GRC) models can be defined.

Extensive selection criteria facilities are provided (way in advance of the CSS guidelines), which allow the user to group and value the assets based not only on the Asset Details and their Attributes, but also using all of the data available in the Street Gazetteer and Network Referencing modules.

The highly scalable facilities allow the user to utilise the most appropriate level of valuation detail.

Some users may adopt a broad high level approach, where a single Unit Rate is used for a whole Asset Type, e.g. £1M/Km as an average for all Roads. Other users may wish to go into more detail by defining separate rates for assets based upon their Grouping/Sub-Grouping, e.g. £600K/Km for Hierarchy 4 Rural Roads or £1.5M/Km for Specialised Block Paving in an Urban Prestige Walking Zone.

With multiple valuation sets, any number of different approaches can be defined and the results compared.

Once an Asset Valuation process has been run, the valuation results, which include Gross Replacement Cost, Depreciated Replacement Cost, Accumulated Asset Consumption, In-Year Asset Consumption and In-Year Asset Replacement, are presented on screen via the grid displays. The user is able to drill-down on each line to reveal the detail behind the summarised information.

This data is also available in summarised form by utilising the embedded crystal report facilities. A full audit report of the valuation process is provided for diagnostic and detailed process monitoring purposes.

Key Features

Multiple Asset Register Solution

- *Highways*
- *Lighting*
- *Structures*
- *Drainage*

Multiple Valuation Sets allowing "what-if" modelling

Valuation on future years to predict/analyse trends

Flexible, Scalable solution

User-Definable Asset Grouping/ Sub-Group Definition

User-definable Adjustment Rates/ Factors

Use existing Insight Condition Indicators to calculate "Cost of Maintenance"

Multiple Year Rates can be stored with Year-on-Year adjustment facilities

Asset Valuation calculations based upon CSS methodology

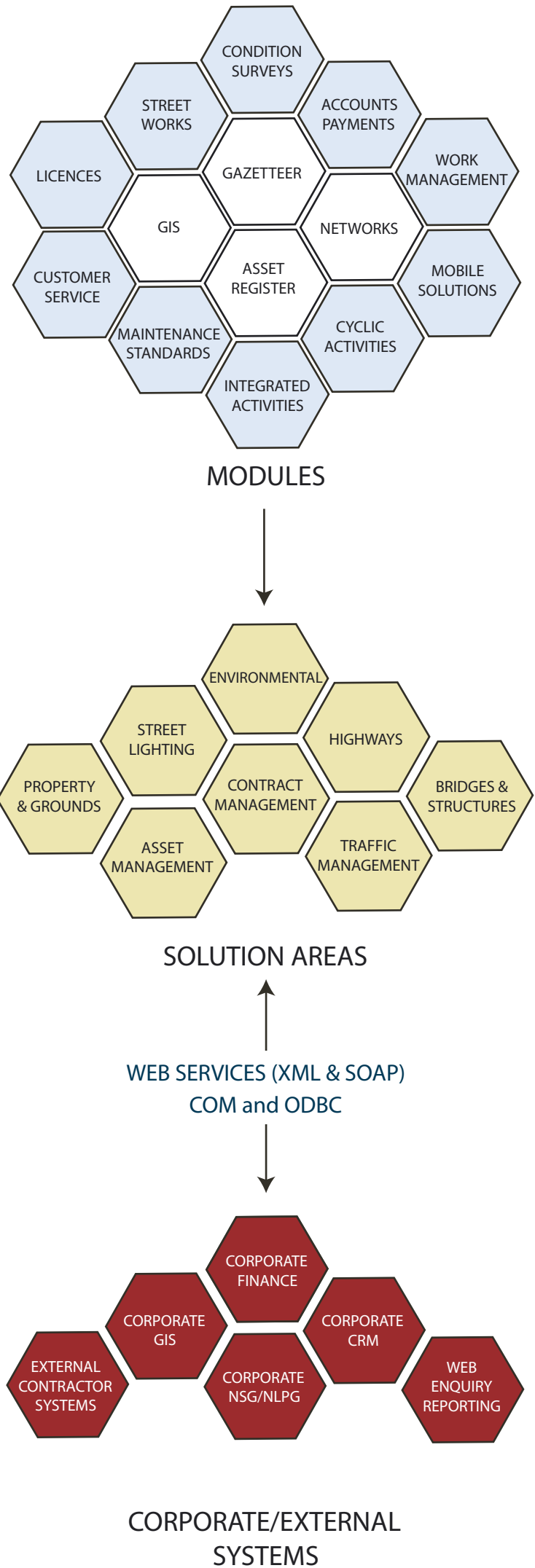
Transparent calculation process allowing full auditing

Graphical Valuation Report and Unit Rate Report

Valuation Data stored for analysis without the need for re-running the valuation process

Symology's Insight range of Asset Management solutions are designed specifically to provide an integrated solution for the management of infrastructure.

The flexible and comprehensive facilities make it the ideal product for managing the life-cycle of assets, and ensuring that required service levels are achieved and maintained.



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