

# System Administration



## Summary

Within each Insight system, multiple databases may be set up to reflect the departmental structure of the overall asset management operation.

These are controlled from within a single Global and System Administration area, which provides the system administrator with all the facilities required to monitor and control usage of the system.

When implementing Insight, the system administrator will initiate the licences and specify the operating environment and parameter settings, which allow the Insight product to be customised to meet individual customer and network requirements.

Facilities are available to create and maintain user accounts and their associated attributes such as screen formats, user-based defaults, and screen display settings.

Access to all parts of the Insight system is controlled using authorisation levels associated with the user accounts, so the system administrator can decide which facilities may be devolved.

Processes may be specified for batch operation, allowing them subsequently to be initiated either manually or under scheduler-based timer control.

Other settings which are crucial to overall system operation, include control of the embedded mapping functions, and setting up the calendars of working days.

A centralised address book can be maintained for use throughout the Insight application to provide external contact details.

Facilities which are restricted to a system administrator include checking and monitoring of current users, temporarily or permanently inhibiting access, message broadcasting, and access to system exception logs.

In the event of any data corruption, simple screen-based options are provided for initiating a database recovery process which is guaranteed to recover the system without recourse to back-ups, in any situation other than complete hardware loss.

## Key Features

*Multiple database structure management*

*Creation and maintenance of user accounts*

*Definition of user-specific attributes*

*Functional access authority levels*

*Control of a central "address book" for all Insight correspondents*

*Establishing batch processing tasks for subsequent manual or automatic scheduler-based initiation*

*Facilities to run site-specific special programs*

*Management of the system archiving facilities*

*Mapping and associated Map Layer definition*

*Defining Calendars of Working Days*

*Additional Objects fields for storing images*

*System exception monitoring and key-event logging facilities*

*User monitoring and audit trail*

*System message broadcast to users*

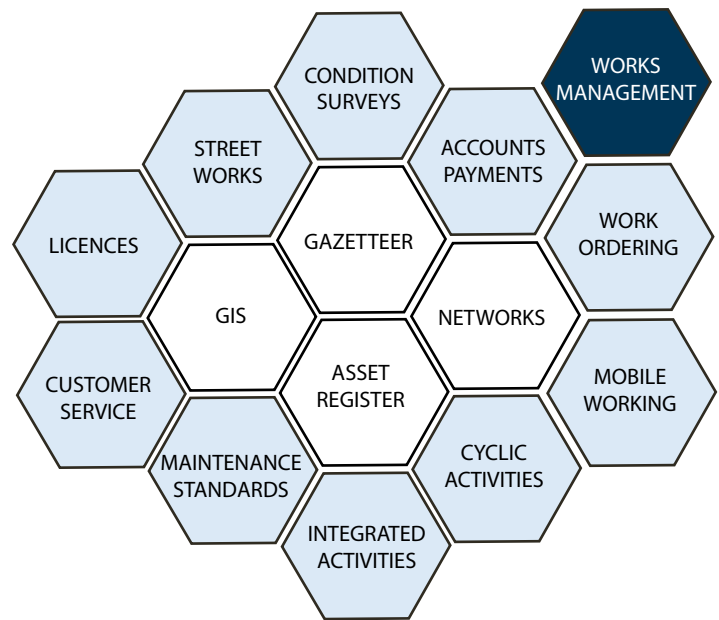
*Database recovery procedures*

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.

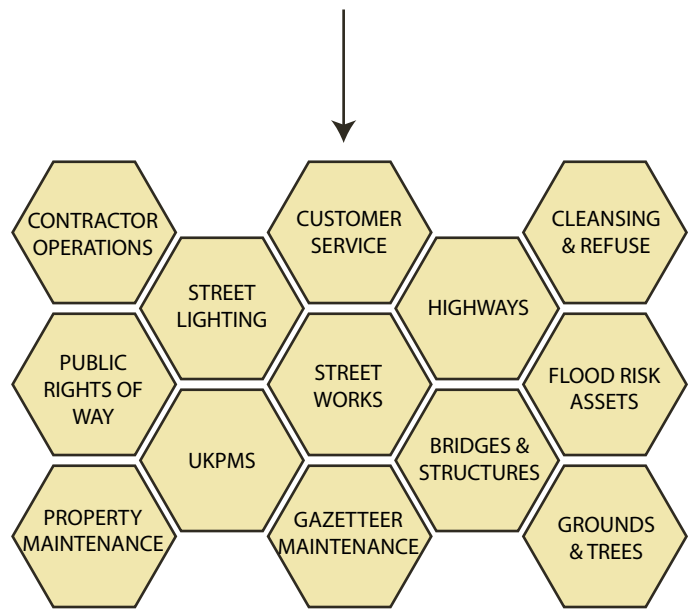
In total, the system provides the capability to manage ALL of these solution areas as part of a single integrated system.

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.

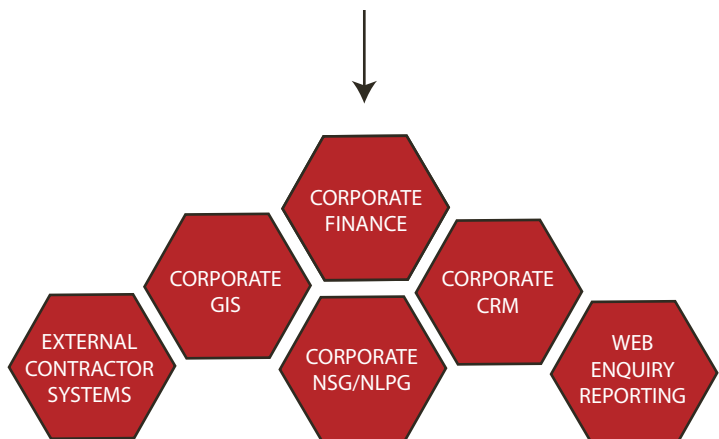


**MODULES**



**SOLUTION AREAS**

WEB SERVICES (XML & SOAP)  
COM and ODBC



**CORPORATE/EXTERNAL SYSTEMS**

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