

Works Management



Summary

The Works Management module provides comprehensive facilities for contractors within Insight. The intimate integration between the client and contractor functions enables all applicable data and system facilities such as street gazetteers, asset data, inspections data, mobile and mapping functions etc. to be utilised by both parties - enabling huge operational efficiencies to be gained - whilst providing the ultimate level of transparency between client and contractor.

A multi-faceted range of facilities and user permissions cater for the vast array of different contractual relationships that exist today; including traditional client/contractor arrangements, target cost contracts, partnerships, PFIs and open book accounting.

The Works Management module is available in two editions - Basic and Advanced.

Basic Edition

Basic enables works orders to be received electronically - removing the need for external interface files, paper orders and claims, and the re-keying of data into other systems.

Received works orders can be split down into component parts, for example by trade, and manually or automatically (in accordance with user-defined rules) be allocated to work gangs.

Allocated works can be printed out on high quality job tickets or downloaded onto a work gang's mobile device using Insight Mobile.

To meet the requirements of the Traffic Management Act 2004 (TMA), an industry unique Gantt chart style works scheduling tool is available. This enables managers/supervisors to optimise their works schedule whilst visually taking into account the often conflicting requirements of client priorities, available labour resources and TMA noticing rules. As works are committed using the scheduling tool, all relevant modules of Insight are automatically updated.

Insight Mobile provides device tracking facilities, thus allowing the work force manager to identify the closest gang when allocating emergency works.

Facilities are provided (in the Insight system and on Insight Mobile) to allow the works delivery teams to record the status of work at any point in time. Street Works notices, such as Works Start and Works Stop are automatically generated as work is progressed through its natural lifecycle - removing the requirement to update multiple systems.

On both the Insight system and Insight Mobile messaging functionality is provided, with the ability to attach digital files such as photographs or plans.

Key Features

100% integration within Insight - providing operational efficiency savings

Industry unique TMA/Work Scheduling tool

Comprehensive Order/Invoice processing facilities

Mobile Working functionality, including device tracking

Integrated GIS/Mapping facilities

Referencing to Gazetteer, Asset Register or Network Sections

Multiple contracts, contract terms, schedules of rates, lump sum and dayworks

Sophisticated user permissions

Automatic updating of Street Works and Client modules

Work Status Feedback Facilities

Audited Messaging and Attachment facilities

Ability to enter completion details for works and automatically generate claims

Options to send Interim/Final/Supplementary claims individually or in batch

Ability to record resource usage

Job Costing

Full range of inbuilt enquiries for "due date" follow-up

All messages and attachments are audited in the works history.

Completed works details (either interim or final) can be recorded on-site using Insight Mobile or back in the office using Insight. Full facilities are provided to record completed schedule codes, additional extras and lump sum amounts with associated descriptions. Digital files such as 'before' and 'after' photographs of works can also be attached to records.

Financial claims can be automatically built-up from the works completion details; and Interim, Final or Supplementary claims can be generated - either individually or in batch. Further monitoring is provided by a facility to track which claims have actually been certified by the client for payment.

In addition, throughout the life of the works, the system will generate assessment records for external updates to the works such as new orders received, variations, cancellations, inspection results, messages, certificates and even updates from the traffic manager function for permit-based works.

Advanced Edition

The Advanced edition of the Works Management module includes all of the facilities provided with Basic, but with the following additional functionality:

- Resource Definition i.e. Labour, Plant, Materials etc.
- Entry of Resource Usage against Jobs
- The ability to generate claims based on Resource Usage
- Job Target Time and Actual Time Calculations
- Calculation of Work in Progress Values
- Import facilities for Schedule Completions and Resource Usage

In addition to the above facilities, the Insight Mobile software extends to allow resource usage to be entered by the gang whilst out on-site.

Resources are the items that are used when carrying out works i.e. the Labour, Plant, Materials and possibly other services used. Insight allows any number of Resources to be defined within the system. Resources are defined with a Version number; this ensures that the system is capable of maintaining and utilising multiple versions of the Resources as they increase/decrease over time in-line with inflation and contract conditions. Like schedules of rates, standard facilities are provided to increase/decrease rates using Bulk/Update facilities.

Once resources have been defined in the system they can be used to record everything that was required to perform a piece of work.

Resource Usage can be entered against individual Jobs, Orders or L.A.Codes. Alternatively they can be entered at Gang-level and automatically pro-rated across all the L.A.Codes the Gang worked on for costing/claiming purposes. The Resource Rates version can be automatically selected based on the date used.

Resources can also be used to calculate the claim value of Dayworks based L.A.Codes and/or provide internal costs for all types of work. Furthermore they can also be used to provide a more detailed breakdown of ordered schedule codes in order to calculate expected costs, resource requirements and calculate target times and the value of works in progress.

The facilities provided also offer the potential to export all materials used to third-party stores systems. Furthermore, standard import facilities are provided to import Schedule Code Completion data and Resource Usage from third-party Contractor systems. The import facilities are likely to prove useful to customers who wish to integrate Insight Works Management with a third-party Contractor system.

For both the Basic and Advanced versions a full range of in-built enquiries and monitoring reports are provided.



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