

DATA SHEET

Confirm[®] Highways

An Integrated Highway Asset Management and Maintenance System



Key Features

- A flexible, user-defined inventory capable of storing all attributes.
- Proven Asset Valuation and Depreciation functionality.
- Whole Life Costing and Treatment Selection.
- Full data visualisation including GIS, graphs, and strip diagrams.
- Standard functionality for operational maintenance management and defence strategies.
- Integrated, user configurable, outcome based risk management module.
- Rich reporting utilities including spatial and graphic display options with pro-active report scheduling.
- Standard reporting incorporating BVPIs.
- A full range of Inspection utilities.
- Links with Confirm's own Customer Service module, or a CRM.

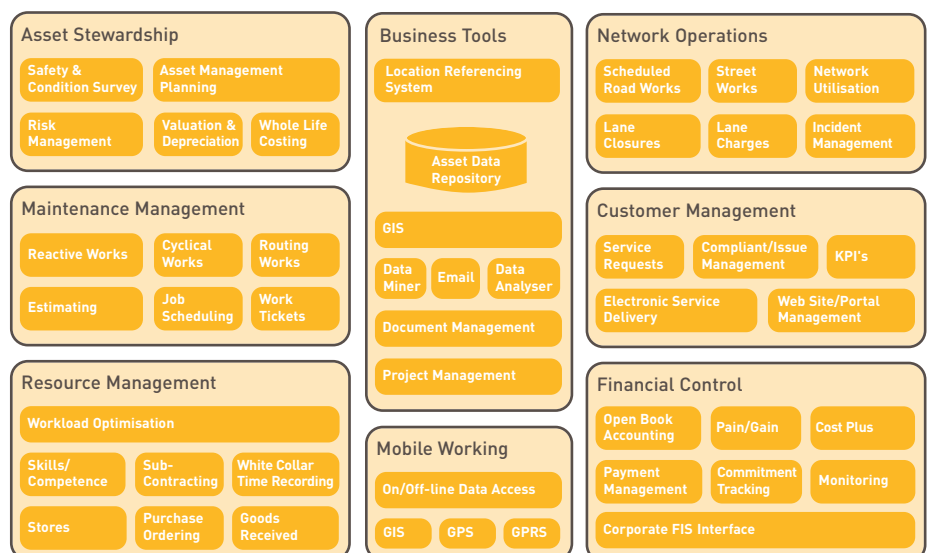
OVERVIEW

As the largest and most valuable asset under local authorities control, the highway network is a crucial part of the corporate service they deliver. It is used by millions of people every day as well as carrying many of the services, such as water, electricity and gas, on which we rely for our every day lives, and is therefore key to the overall well being of our communities. A history of under investment and increasing traffic volume has brought highway maintenance to the fore and challenges engineers to make better use of declining budgets.

The Department for Transport in its guide *Maintaining a Vital Asset*, published in November 2005 stresses that all authorities should produce a Highway Asset Management Plan (HAMP), which will set out what they want to achieve with their highway network,

clearly quantifying the value of the asset, identifying investment needs and priorities, based on whole life cost, and establishing co-ordinated programmes of work. A comprehensive integrated Asset Management System is essential in delivering and implementing any HAMP.

Confirm Highways is an integrated Asset Management and Maintenance System for managing the whole life cycle of highways assets from cradle to grave. The system provides a modular approach to the collation of highway inventories, valuation and risk assessment of highways assets, monitoring of their condition, and subsequent maintenance and management. At the heart of the system is a BS7666 Street Gazetteer and Network Register supporting multiple network referencing methods.



A diagram of the main Confirm functionality is shown above.



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A user-definable structure allows unlimited storage of other highway specific details such as condition, structural attributes and measurement information, with options to store valuation details and risk assessments.

Multi media, video or digital photographs display from within this module. Confirm Highways has fully integrated UKPMS and NSWRA Street Works modules options supporting the Traffic Management Act, by allowing joined up working and thereby minimising disruption.

Asset Management Planning

Whole Life Costing and Treatment Selection, condition Survey and Risk Management allow for the complete management of an asset, it's condition, the risks associated with it, and the benefits and drawbacks of the various management options. In addition, Confirm offers a proven Asset Valuation and Depreciation module incorporating the ability to apply different valuation and depreciation methods.

Safety Inspection

The system provides facilities for managing inspections of the Highway for safety, detailed, quality and subjective condition assessments. A complete inspection history is maintained for statutory defence purposes under Section 58 of the 1980 Highways Act and for network maintenance purposes. Pocket PCs or Tablet PCs, with optional maps, GPS and remote upload, enable the Inspector to accurately capture inspection data, and return up-to-date information from the field.

Mapping

Options for linking to desktop GIS products give access to full mapping functionality, and a fully geographic means of access to the system. Alternatively, Confirm's own embedded map viewer provides simple editing and visualisation tools, so that users may maintain and view geographical data without needing access to GIS program. Thematic mapping facilities provide graphical models for all data held within the system.

Financial Management

Extensive Budget management and reporting facilities allow control, and management of budget, and provide all stakeholders with accurate information for analysis and future planning. Standard export routines are available for data exchange with the Authority's Corporate Financial System.

Maintenance Management

Both term and non-term maintenance contracts are fully supported, with additional functionality for the tendering of works, and management and assessment of bidding contractors. Works are raised and tracked in accordance with user-defined configuration, and delays or updates may be pro-actively notified to the relevant officer by email. A full audit trail is maintained from the date works are created through to completion, and extensive performance reports analyse the progression of works.

Customer Services

The system allows for service requests, complaints, enquiries and general comments to be raised in Confirm, over the internet or intranet, or in the field using data capture devices and remote upload. In all cases, issues are automatically routed to the appropriate officer, and tracked throughout their life cycle, with an automatic email alert system pro-actively warning officers of potential overruns, thereby minimising disruption on the highway.

Performance Monitoring

A range of facilities is provided to monitor the contractor's performance, either by directly monitoring the work, or by reference to the condition of assets. The system has a user definable escalation process, which may range from rectification notices through to financial penalties.

Reporting

Confirm includes extensive reporting, including standard business graphics, strip diagrams and map/spatial based representations to communicate information to users, managers and stakeholders alike at a level appropriate to their need and understanding.