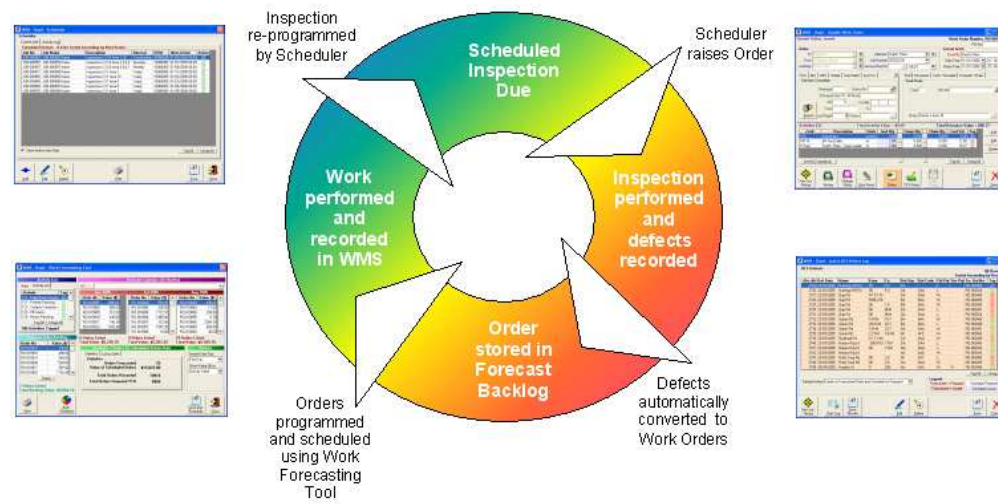




Inspection - Work Order Lifecycle



Technical Specifications

- Hardware** Celeron 333MHz or higher CPU, 64MB RAM (minimum), 100 Mbit network card desirable
 - Software** Windows 95 / 98 / NT / 2000 / XP / Vista
Outlook 97 / 98 / 2000 / XP / 2003 on Exchange Server 5.5 / 2000 / 2003 or Post Office Office 97 / 2000 / XP / 2003 / 2007
 - Database** SQL Server 7.0 / 2000 / 2005 or MSDE (Note: MSDE is included with product)
 - Licenses** Based on concurrent users, not per PC. Runs on standalone PC, Windows network, Terminal Server, Citrix Metaframe or VMware
 - GPS** NMEA-0183 or GARMIN protocol compliant GPS (Global Positioning System)
 - PDA** Windows XP Tablet PC (eg HP TC1100)
HP/Compaq iPAQ Pocket PC PDA (Personal Digital Assistant)
- Refer to the Loftus HMS [FAQ](#) for further details

Loftus HMS solutions help you meet the requirements of the Road Management Act

"What are your assets doing tomorrow?"



Your contact in :

Australia (Head Office)
Loftus IT
 Phone +61 8 8304 8804 Ground Floor
 Fax +61 8 8364 2910 175 Fullarton Road
 E-mail hms@loftusit.com.au Dulwich SA 5065
 Web www.loftusit.com.au



Work Management System

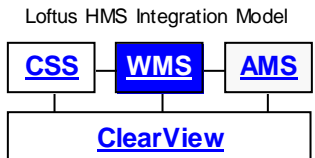


*Section 82 - "Reasonable care" as a defence to being sued

Can you comply with the Road Management Act*?



Maximising revenue and minimising expenditure together with the tracking of inspections and work performed on assets are core objectives that the Works Manager must achieve.



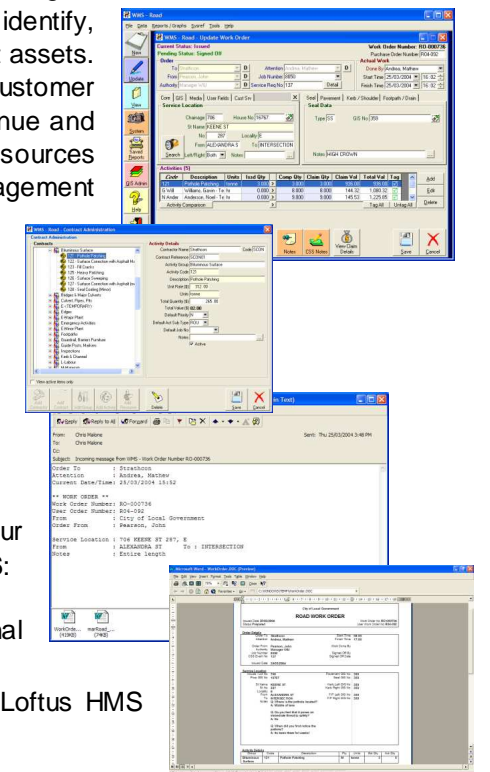
The **Work Management System** combines proven Activity Based Costing and Defect Logging modules to enable organisations to efficiently identify, program and document all maintenance and capital activities against assets. Work Orders are automatically created from defect records, customer requests, scheduled tasks or manually instigated as required. Revenue and expenditure are recorded through the application of Activities and Resources with a series of reports available to logically present management information.

WMS operates as either as a standalone application or part of a unique and powerful Integrated System. It is affordable, easy-to-use and well supported with many powerful features that enable you to better run your business.

Work Management System Key Features

WMS has many exceptional features that will help you run your business efficiently and effectively. Why look elsewhere when **WMS**:

- Creates **Work Orders** for issue to external contractors, internal business units, gangs and/or individual resources
- Tracks **expenditure** at an asset level via dynamic links to Loftus HMS Asset Management System (**AMS**) modules
- Utilises fully user definable **Activities**
- Utilises optional **Labour, Equipment and Material** Resources to calculate expenditure and revenue thereby providing instant Profit and Loss feedback
- Produces **Labour Timesheets** directly from Order details overcoming the need for your staff to spend time filling in paper or entering data into separate systems
- Converts and dynamically links to Moloney road asset management data
- Is dynamically linked to the Loftus HMS Customer Service System (**CSS**) and Origen Contact Centre program, facilitating rapid Work Order creation from customer requests
- Includes an integrated **GIS+Viewer** to relate geographic locations using ESRI shape files or an intranet/Internet map server
- Enables work to be effortlessly scheduled and programmed via in-built Scheduler and **Work Forecasting Tool**
- Uses e-mail to issue electronic Work Orders using a fully customisable MS Word document template
- Captures additional work-related information (such as condition reports, service advice etc) using templates created in the powerful **User Definable Form** designer
- Contains an embedded **Information Library** providing instant access to policies and guidelines
- Is supplied with example data for typical Australian Activities - works straight out of the box!

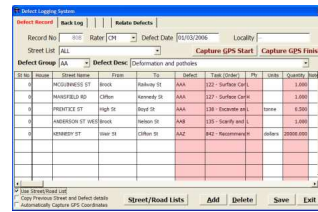




Defect Logging System Key Features

The Loftus HMS Defect Logging System (DLS) captures defect and inspection information and is specifically designed for use on laptops, notebooks and Tablet PCs. DLS is a user-friendly and straightforward module that has the following features:

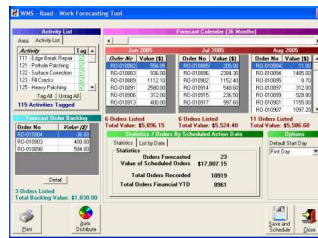
- Logs defects using a two-level Defect Group / Defect Code hierarchy
- Utilises a **Street List** to facilitate rapid lookup of service location information
- Is integrated with GPS units enabling precise defect locations to be identified
- Is linked to the Work Management System (WMS) enabling defects to be converted directly into Work Orders and programmed for action
- Can be easily utilised via stylus and oriented in Portrait or Landscape mode



Job Scheduling and Work Forecasting

WMS contains tools that enable tasks, including asset inspections, to be easily planned and scheduled in advance. In addition, upcoming work can be programmed using a graphical drag-and-drop tool. The Scheduler and Forecasting tools enable:

- Routine tasks such as inspections or cleaning jobs to be programmed for regular intervals ranging from daily to every 10 years
- Work Orders to be automatically generated and, if desired, issued to resources overcoming the need to manually e-mail or print work for individuals
- Automatic conversion of Defects to Orders at intervals defined by priority levels applied
- Automatic distribution of upcoming work by expenditure or revenue over a three month period
- Allocation of work based on Activity Code or Location

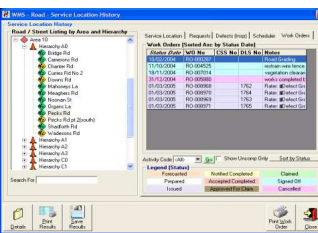


Reporting

WMS is equipped with a series of standard management reports that enable information to be analysed and understood. The system is equipped with 39 standard reports, including:

- Work Order Detail
- Claim Record
- Incidents
- Resource Timesheets
- Profit and Loss
- Contracted vs Completed vs Claimed work
- Stock

A graphical Service Location History tool shows customer requests, defects (inspections), scheduled jobs and Work Orders through an informative colour-coded interface. Drill down functionality ensures users can quickly access the data they require.



Customer Testimonial

"Strathbogie Shire Council, like all Victorian councils, were faced with the challenge of meeting the requirements of the Road Management Act.

After assessing several roads and parks maintenance systems, Huefner Management Systems provided us their Work Management System to give an accurate means of recording maintenance activities. A Defect Logging System was added to capture inspection results. These results are fed into the WMS to develop a controlled maintenance program.

To top it off, HMS's Customer Service System was included to provide customers spontaneous information about their concerns with problems on Council roads, parklands and Local Laws issues.

The whole package gives us traceability and assurance of works. The service HMS gives is timely, efficient and professional; a pleasure to work with."

- Strathbogie Shire Council, Victoria



Power and Performance

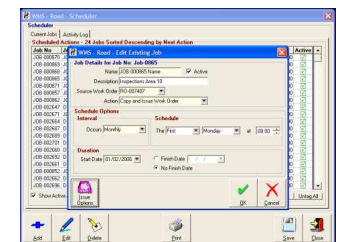
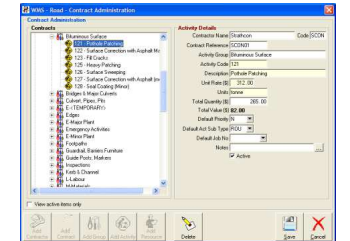
Both the Work Management System and Defect Logging System are full 32-bit applications. WMS runs on a SQL Server / MSDE database platform, which offers the following benefits:

- A true client-server application that offers rapid data access and reporting performance via a reliable database platform that handles large volumes of data and concurrent users
- Capacity to record one million Work Orders in each discipline before archiving
- Reduced network traffic through optimal access and retrieval techniques enabling the system to be deployed via Windows Terminal Server, Citrix and over WANs
- A secure means of protecting data. Users can be set up with their own user name and password with security applied to the individual menu or work contractor level allowing Administrators to configure access organisation wide

Benefits to Your Organisation

The Work Management and Defect Logging Systems were designed and by a team of qualified IT professionals and Engineers with Local Government backgrounds. The modules have been further enhanced through our Customer Development Program and offer your organisation many benefits, providing you with:

- A corporate Activity Based Costing System and Defect Logging designed specifically to meet the requirements of the Road Management Act
- A centralised tool to manage planned and unplanned maintenance activities
- A means to schedule work and inspection actions as one-offs or recurring tasks, so no job is forgotten
- A tool to track Expenditure and Resource consumption against pre-defined budgets thereby enabling close monitoring of Profit and Loss
- A system that is integrated with Loftus HMS Asset Management Systems, Customer Service Systems, GIS and provides outputs for use in external systems such as Finance
- An effective tool to mitigate risk and demonstrate reasonable care to internal and external auditors
- Comprehensive PDF-based documentation describing system operation and work flow
- Support from a proven and dedicated team with 20 years experience in delivering Local Government management solutions



30-Day Evaluation Version

WMS is available to *download* as a fully featured 30-day evaluation version. Whether you are a Works Manager, Technical Services Manager, Systems Coordinator or IT Manager, fill in our [WMS download form](#) to obtain your copy today! Contact us for an exclusive price for your organisation.

To purchase your WMS program, forward your Order to Loftus IT. Once received, an activation code will be sent to you so that your demo version will become a full version. A CD will also be shipped to you, together with paper copies of the manuals.

WMS is available with asset-specific disciplines for:

- Roads
- Sewer
- Water
- Drainage
- Bridges
- Parks
- Buildings
- Trees