



Driving Innovation
in an ever changing world

WebELM - Web Based Environmental Management System

A web-browser based environmental management system is revolutionising the way local and central government parks and landscape teams manage their assets and operations.

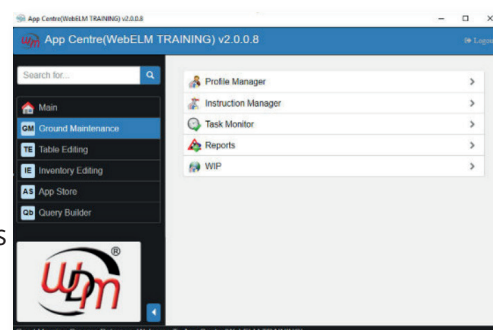
The WebELM system, developed by W.D.M. Limited, comes with an AppCentre to provide a flexible and security controlled management console, enabling users to access all system tools from a single graphical user interface.

This fully integrated, map-based programme facilitates job scheduling, flexible work-flow, budgeting, reporting, document management and has mobile apps for working on-site. It provides a fully auditable record of all works carried out in an easy-to-use interface and will link to other systems or operate as a stand-alone module.

The system also links to the WDM web based public facing Fault Reporting System, which enables members of the public to interact directly with the teams managing their open spaces, parks, gardens, cemeteries, woodlands and recreation areas.

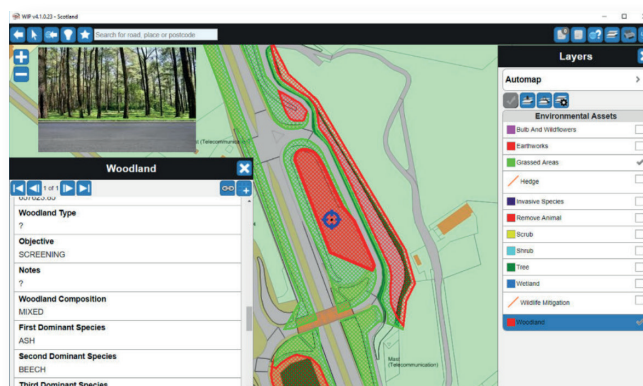
WDM® AppCentre

The WebELM AppCentre provides the managers access to all system tools and controls, while the Admin tools page controls what users can see and access.



Integrated Mapping

The system delivers a fully integrated map-based asset management application, while the Web Information Publisher tool provides map-based access to all spatial data, enabling teams to accurately pinpoint asset features. Users can be assigned privileges to not only edit assets directly from the map, but also access reports and documents relating to selected assets.



W.D.M. Limited, Staple Hill House, Broad St, Bristol, BS16 5LT



+44 (0) 117 956 7233



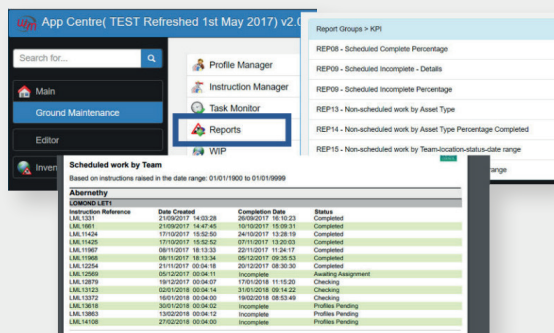
info@wdm.co.uk



wdm.co.uk

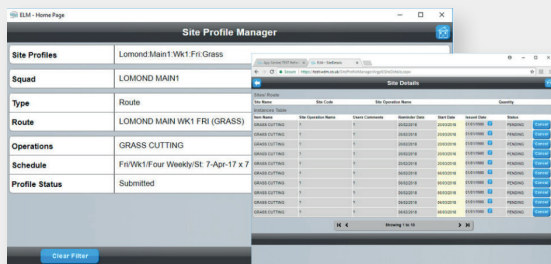
Work Scheduling

This allows the planning and issuing of all work – both reactive and scheduled – and operations can be scheduled either by individual sites or by groups of sites. Each operation will be set to pending until a user defined time before the work is due. It will then be automatically issued as instructions to the Work Flow Management System, called FloMan, and assigned to squads for use with the Mobile Working Apps, as required.



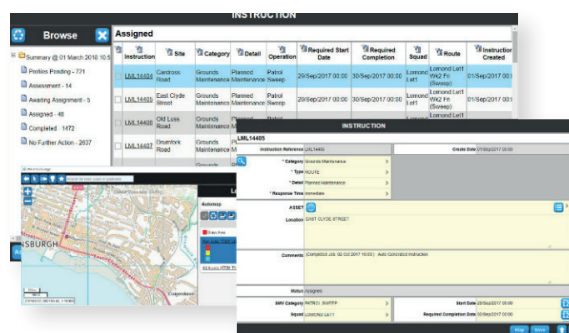
Flexible Work Flow Management (FloMan)

FloMan is the ultimate system capable of incorporating any work flow to any of the work types. Reactive work and public enquiries can be input directly to FloMan by users, or passed to the system via the Mobile Apps or the public facing web-based fault reporting system. They can also be sent via web-based interfaces to an external enquiry system. FloMan links to the web mapping tools for visualising where work is being undertaken and show progress graphically. FloMan can also manage contracts, bills of quantity and budgets, allowing all aspects of the operations to be monitored.



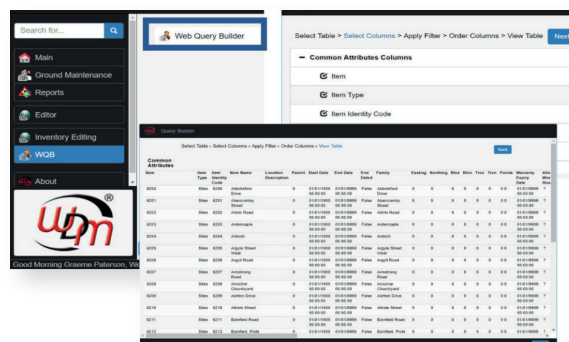
Integrated Reporting Tools

Commonly used reports will be published via the reports tool. These can be anything from paper schedules and job tickets to financial and performance reports. Many reports exist within the system, but non-standard reports can easily be created and published. Reports can also be scheduled and published to users and/or auto-emailed to users or user groups.



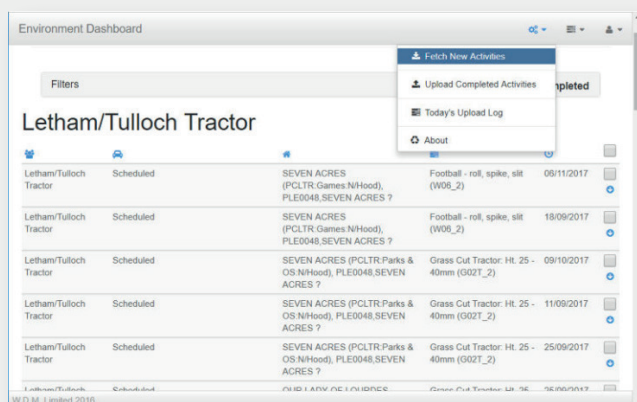
The ad-hoc reporting tool, Web Query Builder, provides user defined reports of any data held within the system. Table/Field selection, filtering and previewing is provided via a user-friendly query building wizard.

Ad hoc reports may be saved and exported in a range of formats. Where data is spatial, the Query Wizard allows map layers to be created for the WDM® Mapping System, but it can also be directly exported in a number of GIS formats e.g. Shape Files, Mapinfo and KLM for Google Earth.



Mobile Apps

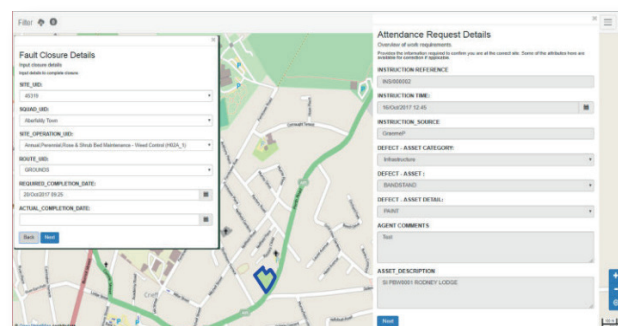
There are two mobile working apps available for progressing or recording work on-site. These can be both either on-line or offline i.e. if 3G/4G signal is available they will synchronise with the back-office WebELM system – if not, users can still work on the data until a signal becomes available. They operate on any WebBrowser enabled device (e.g. Phone, Tablets). Both also allow Photographs to be taken on site and uploaded to the WebELM management system. The first App, WebELM Mobile, does not utilise mapping since the client demand was for a text based App to facilitate work easily signed off on site.



Batch tools exist in WebELM Mobile to bulk sign off work with the same comments and to either flag the work as “complete” or “incomplete”. The system will apply logic rules to this to decide whether to auto-complete the jobs, or to pass them for re-assignment using the Work Flow Management Tool (FloMan).

The second tool, Web Flexible Editor, is a map-based tool for either progressing work e.g. Reactive Jobs and/or to add new defects or work required from Site. If an internet connection is available, it will synchronise with the back-office system in both directions to ensure work done

is uploaded and that any new defect reports are immediately available to the operators on-site.



Document Management System

Multiple document management systems can be configured either directly linked to Assets (and therefore available directly from the Map Query tools) or as generic Document Systems available to named users or user groups. For example, A Document System can be configured for Dashboard Reports to be deposited for Scheduled Reports. These Document Systems can be accessed directly from the WebELM AppCentre.

Public Facing Fault Reporting

The WDM® PIP (Public Information Portal) is designed to be a Public Facing Web tool that can be published within a client's web site for either displaying map based information of assets or faults etc. or allowing customers to report and track faults. This is integrated with any of the WDM® Management Systems including WebELM.

