DASHBOARD

AIRFIELD LIGHTING MAINTENANCE MANAGEMENT

A WEB BASED SOLUTION FOR THE MONITORING OF MALMS AIRFIELD LIGHTING MAINTENANCE AND ASSET MANAGEMENT.

MALMS DASHBOARD

A WEB BASED SOLUTION FOR THE MONITORING & MANAGEMENT OF AIRFIELD LIGHTING PLUS MAINTENANCE AND ASSET MANAGEMENT

MALMS Dashboard is a predominately cloud based solution, but can also be made available on a local airport server where all maintenance and inspection data is synchronised with a 4G/wi-fi capable PC tablet. Data collected by airport engineers/electricians such as photometric test results, lighting inspections, faults and maintenance recording, preventative and remedial maintenance tasks, as well as pavement and ramp issues can all be viewed in real time by accessing the MALMS Dashboard from any internet capable device.

LIVE DASHBOARD DATA

The main dashboard screen provides up to the minute live data for faults, inspection status, MALMS Photometric runway serviceability, torque status, cleaning status and much more.

DASHBOARD ALERTS

The dashboard flags up warnings and alerts for issues. For example If the serviceability level of a runway area falls below 95% it is shown as an alarm, or multiple faults which are over 30 days old are indicated for attention. A rolling news feed shows new alarms, due inspections and links to new data that you need to review.

DRILL DOWN FUNCTION

From the dashboard it is possible to drill down to reports containing further information about an item. You can click on an area of the runway, then drill down into a zone and then drill down again to the asset level. Reports have a consistent layout across different aspects of the system.

CUSTOMISABLE

The whole system is user configurable including the dashboard layout, the data periods for standard reports, report parameters and email configuration. It is also possible to configure custom reports in the My Reports section.

PHOTOMETRIC COMPLIANCE

MALMS Dashboard provides a comprehensive suite of reports including Runway Serviceability, Runway Visual Range, Course Bar Charts, Isocandela Diagrams and Maintenance reports. Trends are also included for photometric analysis.

MALMS ENGINEER DATA

A full library of reports including Torque Status, Cleaning Information, Maintenance History, Fault Status, Civils Status and many more. You can keep track of all aspects of the MALMS Engineer system from one place.

PHOTOBENCH INTEGRATION

The very latest PhotoBench Engineer software now sends live test data to the cloud. This integrates with MALMS Engineer so that assets can be tracked through the workshop process. Test results are available from the dashboard as well as mean time between failure / time to repair statistics for different types of light fixtures.

EMAIL REPORTS

Email reports can be sent as soon as a visual inspection, preventative maintenance cycle or MALMS Photometric survey is completed. Also daily, weekly or monthly management level reports can be automatically sent out on a regular basis without the need to visit the cloud.

EXECUTIVE SUMMARY REPORTS

Management level summary reports including top level information about all aspects of the system are available. The reports are available for custom time periods, with or without charts. Most useful as part of the email reports system, but available from the dashboard too.

ALTERNATIVE DATA VIEWS

Reports can be visualised in the form of a map, which is also an excellent interface to select assets and drive further reports. A tree view of assets is also available to visualise data within the airfield structure. A calendar view drives reports from past inspection events and also shows upcoming inspections and preventative maintenance schedules.

DATA ANALYSIS

From the map view it is possible to analyse fault and maintenance hotspots. Runway areas where frequent torque maintenance is required can also be highlighted. From a complete history of maintenance for an individual asset, mean time between failure can be estimated based on photometric performance.
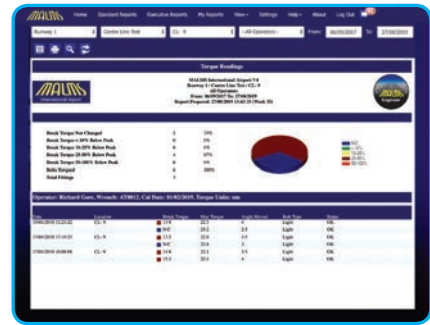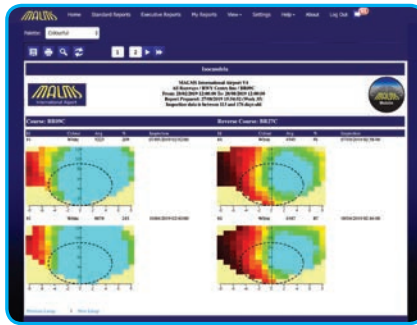
SYSTEM INTEGRATION

MALMS Engineer can be integrated with a variety of enterprise asset management applications via SQL, XML, JSON. Other interfaces can be developed on request, please ask us for more information. Data can also be exported to Excel.

MALMS DASHBOARD
MONITORING OF MALMS AIRFIELD LIGHTING MAINTENANCE

The MALMS Dashboard is designed to give airports information in a modern and easy to use high level summary with drill down functionality to data on individual light assets. The MALMS Dashboard can be configured based on airports maintenance programs such as 30/60/90 day cycles. Each user can configure the MALMS Dashboard to their own preference. As well as seeing the data from a dashboard, data can also be viewed from an online map, a calendar or from an asset tree structure.

Customised email trigger reporting is a key feature of the MALMS Dashboard allowing users to be notified when maintenance, inspections and photometric tests have been completed.

YOU CAN'T MANAGE WHAT YOU DON'T MEASURE

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