



Airport Computerized Maintenance Management System



Reduce Material costs

Improve Cost Control

Increase Productivity

Improve Spare Parts Control

Regulatory compliance with maintenance Records

Take control of your Airport with Proteus CMMS

Airports are complex entities, constantly struggling to keep vital assets operational and spare parts storage at optimal service levels. With many diverse sets of assets including taxiways and runways, check in kiosks, power grids and energy systems, security systems, mechanical systems, computer systems, baggage handling systems, and signage, just to name a few.

Proteus MMX is a complete full-featured, integrated, Computerized Maintenance Management solution (CMMS). It can be the right solution for a large airport and feasible for smaller airports or budget-constrained airports

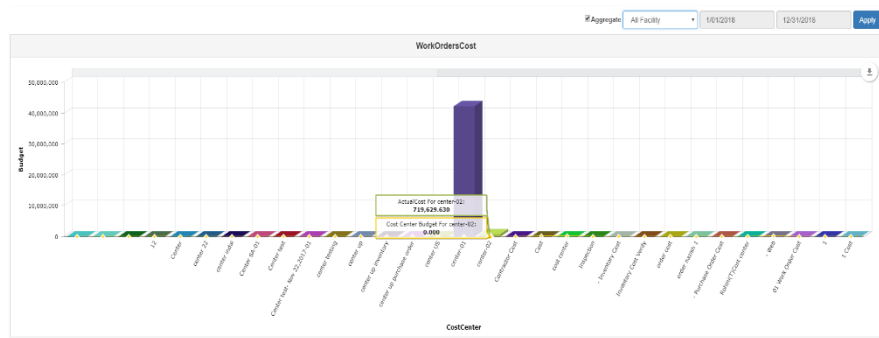


CMMS solutions to eliminate airport challenges

In general the need for improvement of some business elements is the main driver for a CMMS

- Difficult information exchange among departments and systems
- Ongoing cost in regulatory compliance and reporting
- Lack of cost-effectiveness in supporting multiple systems and redundant data entry into each.
- Applications which are difficult to support.
- Manual reporting and duplicate data entry for inspections and unnecessary paper flow.
- Lack of accurate data

Using real-time Monitoring Key Performance Indicators (KPI's) and Artificial Intelligent (AI) Reporting Chatbot like "Ask Steve" can allow executives to gain better insight on how the airport maintains its assets.



Benefits of a CMMS



Based on our experience with airport facilities clear benefits can be seen after implementing Proteus CMMS, more than half our airport customers reported:

- Improved business intelligence with Key Performance Indicators and AI reporting
- Improvements in equipment reliability
- Improved cost controls
- Improved spare parts control
- Reduction in labor costs
- Improvements in equipment availability
- Reduction in materials costs
- Reduction in other costs

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The new system saves us money and time. It's one more tool to help our engineers and electricians be better at what they do and is much more user friendly.

Steve Caruso, SMG Chief Engineer of the Midway International Airport

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Manage Various Assets within one system

Airports cover acres of land; have multiple buildings, and varied types of equipment to maintain from conveyer belts to HVAC for their patrons' comfort and safety. By using a CMMS, airport facility managers can reduce labor and energy costs, manage inventory, optimize asset performance and longevity, and insure safety.

- Passenger Terminals
- HVAC Lighting
- Electrical
- Baggage
- Parking Garages/lots
- Ramp Tower
- Cargo
- Hangers
- Maintenance Facilities
- Plumbing
- Aircraft Parking
- Assets
- Elevated Bridges
- Landscape
- Signage
- Alarm Notifiers
- Automated and Roll up doors
- Taxiways
- Runways
- Road ways

and so much more!

Proteus MMX Features



Asset profile management

Compile accurate information on equipment to analyze performance, meet audit requirements, schedule preventive maintenance, and reduce capital expenses. You can also group equipment under predefined classifications such as Repetitive or Job Shop.

Barcoding and data collection

Barcoding/QR coding makes it easy to label and track equipment, inventory, employees and work orders. Users can scan equipment to retrieve work order history, current work orders, add parts to work orders, bills of material, and attach pictures to communicate issues at the job source.



Regulatory compliance

Maintenance records play a large part in compliance and reporting requirements from the Environmental Protection Agency (EPA) and the Occupational Safety and Health Administration (OSHA).

Tracking maintenance activities with Proteus CMMS software helps with regulatory inspections and ISO certification. In addition, track changes with audit trail module. Comprehensive performance and management reports are also available with Proteus CMMS software.

Mobile Asset tracking

One database for all asset information allows for easy retrieval, input on activities, parts usage, and maintenance. RFID can be used to ensure information is always up to date on mobile assets from lifts to grinders based on their location at the time work is to be performed.

Connected Enterprise and Integration

Systems integrations can provide additional functionality and eliminate redundant processes. Proteus Alarm Interface (PAI) provides continuous alarm monitoring via a direct interface to Building Automation Systems (BAS) such as Tridium, Honeywell, Trane, Johnson Controls, Siemens, Schneider and many more!

PAI automatically issues work orders based on alarms, events or equipment runtimes. The work orders define specific tasks and parts required to complete the job quickly and efficiently. Work orders may be sent via e-mail, printer or sent directly to a technician's mobile device, informing them of alarm status and actions.

For connected enterprise, we offer integrations with popular Enterprise Resource Planning (ERP) systems such as, SAP, Oracle, Microsoft Dynamics etc.

Budget Module

In addition to helping you track your expenses, Proteus MMX assist with managing budgets.

Contractor Management

Record maintenance activities completed by your service providers, compile equipment histories. Manage contractor quality control.

Proteus MMX Features



Key Performance Indicators (KPIs)

With real-time data dashboard, airport facility assets can be monitored by the maintenance team to quickly identify potential problems. You can set KPI's to monitor critical issues for your organization to ensure you are compliant with regulatory requirements. KPIs are also available for performance monitoring and management information.

Mobile

Record and track equipment with mobile and barcoding/QR technology for accurate, efficient, and effective deployment. Use Proteus MMX mobile to create new, receive and close work orders on your iOS, Windows 10, or Android® based phone/tablet device.

Microsoft Windows Mobile is a registered trademark of Microsoft Corporation. iOS is a registered trademark of Apple, Inc. Android is a trademark of Google Inc.

Warranty management

Plan ahead, receive notification on warranty expiration dates coming due.

Inspection

Document and protect inspection procedures on each piece of equipment and initiate inspections based on time, equipment performance, or previous work ensuring equipment such as Elevated Bridges to meet the safest condition possible.



Security and Risk management

It is vital to get passengers to and from the airport as expected to avoid liability claims, and comply with regulatory requirements.

Proteus MMX allows for;

- Gathering of maintenance histories
- Scheduling and performing preventive maintenance tasks
- Managing and monitoring Assets and inventory
- Performing Inspections
- Implementing user levels of access and rights in Proteus MMX
- Better risk management
- User-specific accounts
- Track all record changes, altered fields, value changes, date and time of the change, and whether the change is a data insertion, update, or deletion.



The increased efficiency and effectiveness of maintenance operations, as well as the reduction in repair, labor, and energy costs make adding Proteus CMMS to your airport maintenance team an easy decision.

For over 30 years, Eagle Technology, Inc. has been developing Enterprise Asset Management (EAM) and Computerized Maintenance Management Systems (CMMS) that are flexible and meet customer needs.

Our team of professionals are available to you, providing on-going support, training and consultation services, making sure you get the most out of your investment. We are available to teach best practices, 5-S (Sort, Set In Order, Shine, Standardize and Sustain), and we offer project management and turnkey implementation.



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for more information please contact us.



Contact Us

Not sure if Proteus MMX from Eagle is for you? One of our Airport maintenance experts will gladly advise you on the best solution for your facility's unique needs and compliance requirements, as well as assist in the plan to go from firefighting to preventive and predictive maintenance.

[Email Us](#)

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