

**ASI Andromeda
SYSTEMS
INCORPORATED**

Your Supportability Teammate



OptiAM® is a comprehensive, web-based Enterprise Asset Management (EAM) system designed to optimize maintenance and support for assets ranging from simple to very complex. It employs proven reliability, supportability, and maintenance analysis processes and tools to ensure maximum asset availability and operational readiness at optimal cost. Originally developed to meet the demanding standards of the U.S. Military under the guidance of experienced maintenance personnel, **OptiAM®** is user-friendly and can be easily and quickly implemented to meet the needs of any industry. The system features automated maintenance scheduling optimization and real-time visibility of ongoing maintenance activities, making it easy to manage assets efficiently. With its flexible role-based security model, **OptiAM®** can support any organizational structure. The web-based architecture can support an unlimited number of locations and assets, while the mobile application enables point-of-performance recording of maintenance activities and access to operations and maintenance data. **OptiAM®** is the ideal choice for organizations looking to optimize their asset management processes with a solution that is less complicated to use and implement.

BENEFITS

- Intuitive user interfaces reduce training costs and improve data accuracy
- Advanced scheduling optimization to improve equipment availability
- Integrated analytical tools to optimize your maintenance program including RCM analysis, Product Support Analysis, Maintenance Planning, Spare parts analysis, and Life-cycle cost analysis
- Designed to collect the data necessary to perform process improvement analyses
- State-of-the-art web-based application technology ensures maximum reliability and security
- Standards based architecture - supports compliance with industry standards including SAE JA1011, SAE GEIA-STD-0007, SAE TA-STD-0017, ISO-55000, and the ASD S Series IPS Specifications
- Extensive customization and integration options to support your existing business processes and systems
- Robust mobile device capabilities designed to provide access to information at the point of performance
- FedRamp Compliant

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Simple and intuitive user interfaces that help you gain real-time status and insight into asset performance.

Asset Status Dashboard

The Asset Status Dashboard provides a configurable “one-stop” location for viewing selected data and analytics. It can provide equipment status, status of various maintenance metrics and work in progress, as well as status of various analysis products. OptiAM’s intuitive dashboard gives decision-makers a clear, real-time view of their entire fleet or facility.

Asset Manager

Asset Manager identifies, defines, and documents assets and associated information. You can add assets and define attributes such as serial number, location, warranty, and vendor information. Group assets into physical and functional hierarchies and identify assets via QR code or RFID tags. The interface provides intelligent searches for quick access to a variety of lists and information about your assets.

Hardware Builder

Hardware Builder is used to define physical and or functional hierarchies of assets being managed by OptiAM®. Hardware can be broken down in as much or as little detail as desired. For each node in the hardware breakdown, users can define acceptable manufacture and part numbered components for installation on assets. The system supports building of both physical and functional hardware trees for detailed analysis using other OptiAM® modules.

Live Library

Live Library provides connected and disconnected access to external asset, maintenance, and operating procedures and other documentation at any location. Live Library stores, associates, and classifies technical data associated with individual assets providing an intuitive, searchable interface for easy access. Live Library also allows the user to add notes and comments to documents to facilitate knowledge sharing.

Task Developer

Task Developer facilitates the development of procedures and identification of the resources needed to support your assets. Task Developer identifies resources needed to perform preventative and corrective maintenance tasks and groups these tasks into maintenance packages. Task Developer can also generate maintenance manuals, standard operating procedures (SOP) and emergency operating procedures (EOP). Revisions can be tracked and releases controlled. Task Developer also creates automated checklists for use with the OptiAM® GO Mobile application.

Work Order Manager

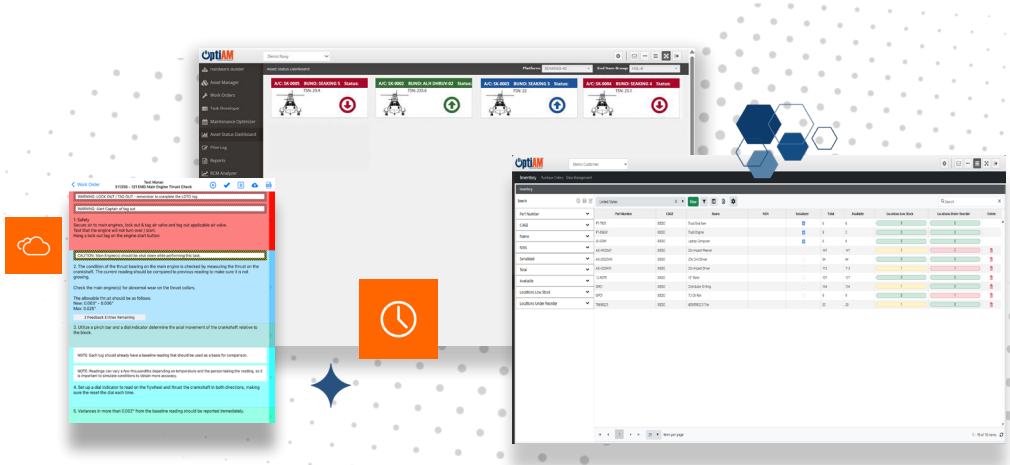
Work Order Manager provides a full-featured work order management system to manage, execute, and document maintenance workload. Work order management includes functionality to handle sophisticated but configurable workflows with multiple sign-off levels. It also has the capability to manage controlling and subordinate work orders such as those used to route work to multiple work centers.

Maintenance Optimizer

Maintenance Optimizer schedules maintenance based on individual asset usage and environment to minimize down time or cost. It can also schedule actions such as contract or warranty renewals, one-time bulletins and changes, and set alert triggers to generate automated work orders based on inputs from inspections, predictive maintenance, or equipment monitoring systems. The scheduling functions include the ability to manage maintenance tasks individually or as part of maintenance “packages” with advanced scheduling optimization options to minimize down-time and repetitive work efforts.

Inventory Manager

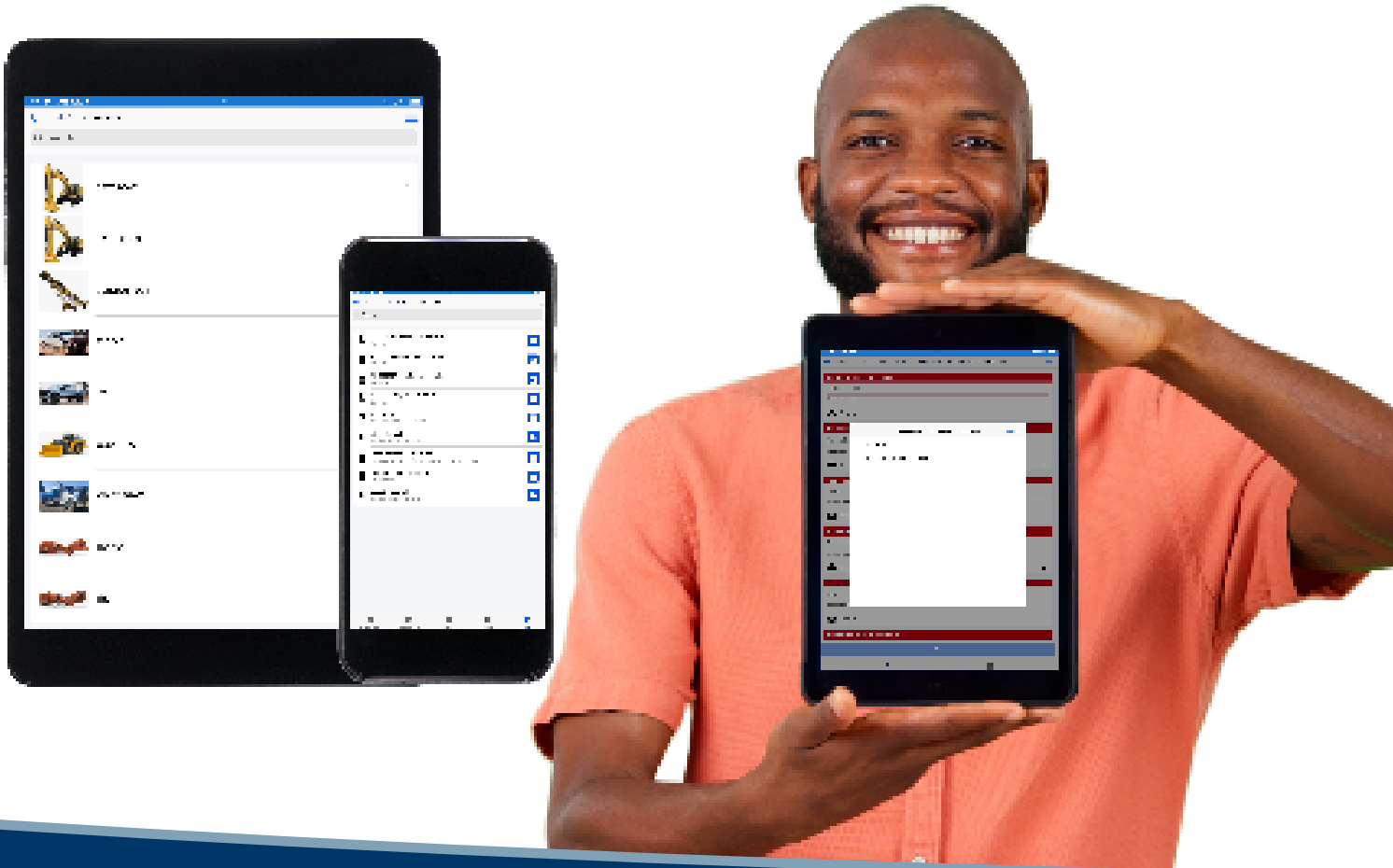
Inventory Manager enables efficient stock management on an enterprise and location-by-location basis. Working with Hardware Builder and Asset Manager, Inventory Manager supports administration of both serialized assets and non-serialized bulk stocks. The system promotes information availability; users can view combined stock levels at any level in a location hierarchy and define location specific reorder points. Inventory provides tools to manage stock purchase orders, receiving inventory, and adjusting inventory as needed.





OptiAM® GO application enhances maintenance accuracy and efficiency by providing direct access to technical data and enabling easy documentation at the point of performance. Compatible with all mobile devices including Apple, Android, and Windows platforms the app works seamlessly offline or online via cellular or Wi-Fi connections. **OptiAM® GO** synchronizes work orders, delivers searchable technical resources, and includes multimedia content such as instructional videos. Users can quickly scan parts for work orders and inventory control using optical codes or RFID, capturing results and completing electronic checklists directly from their mobile device.

OptiAM® GO UI



System requirements

Developed using the latest rich Internet application technology and standard data formats, this solution’s integrated data environment delivers an intuitive and consistent user experience across all major operating systems. It is available as an installed or software as a service (SaaS) system. Please refer to the systems requirements below:

INSTALLED

To host **OptiAM®** within your company’s IT infrastructure, an installed option is offered. The system can be installed on a shared or dedicated server which can be either physical or virtual. The operating system must be Microsoft Windows Server 2016 or later which should include IIS v10 or later and .NET Framework 4 or later. **OptiAM®** also requires Microsoft SQL Server 2016 or later. If the mobile components are to include an additional license for Adobe Cold Fusion 10 or later must be provided. All backups and restoration would be the responsibility of your company IT department.

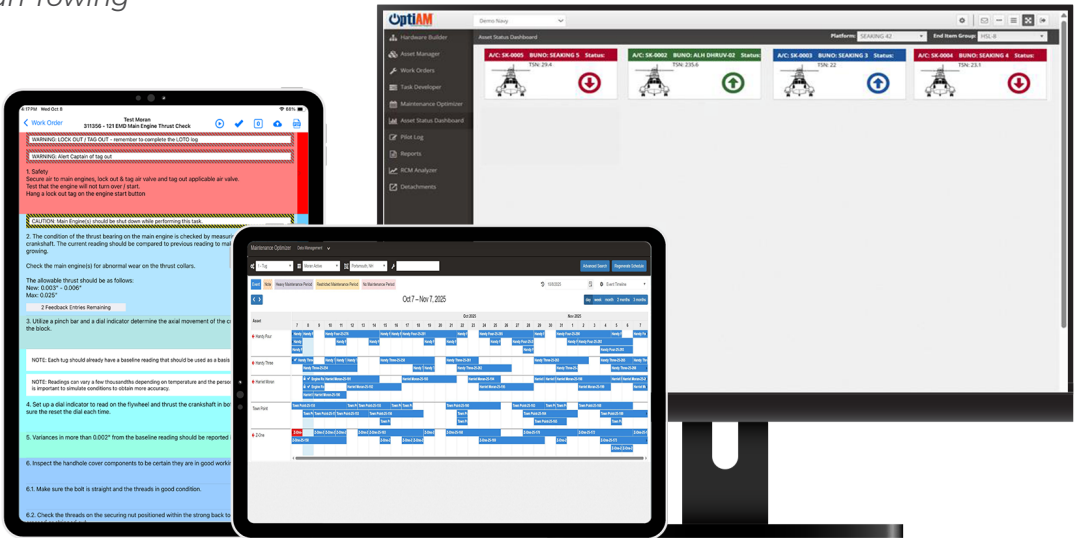
SaaS

OptiAM® is also offered as Software as a Service (SaaS). The many advantages of the SaaS solution include easier setup, lower initial cost, painless upgrades and no system administration. The hosted solution provides for data security, redundancy and backup. Servers are hosted in a professionally managed hosting facility that provides for redundant backup power, fire suppression, redundant tier 1 Internet access and biometric controlled physical access. We manage all software licensing for you.

What our clients are saying...

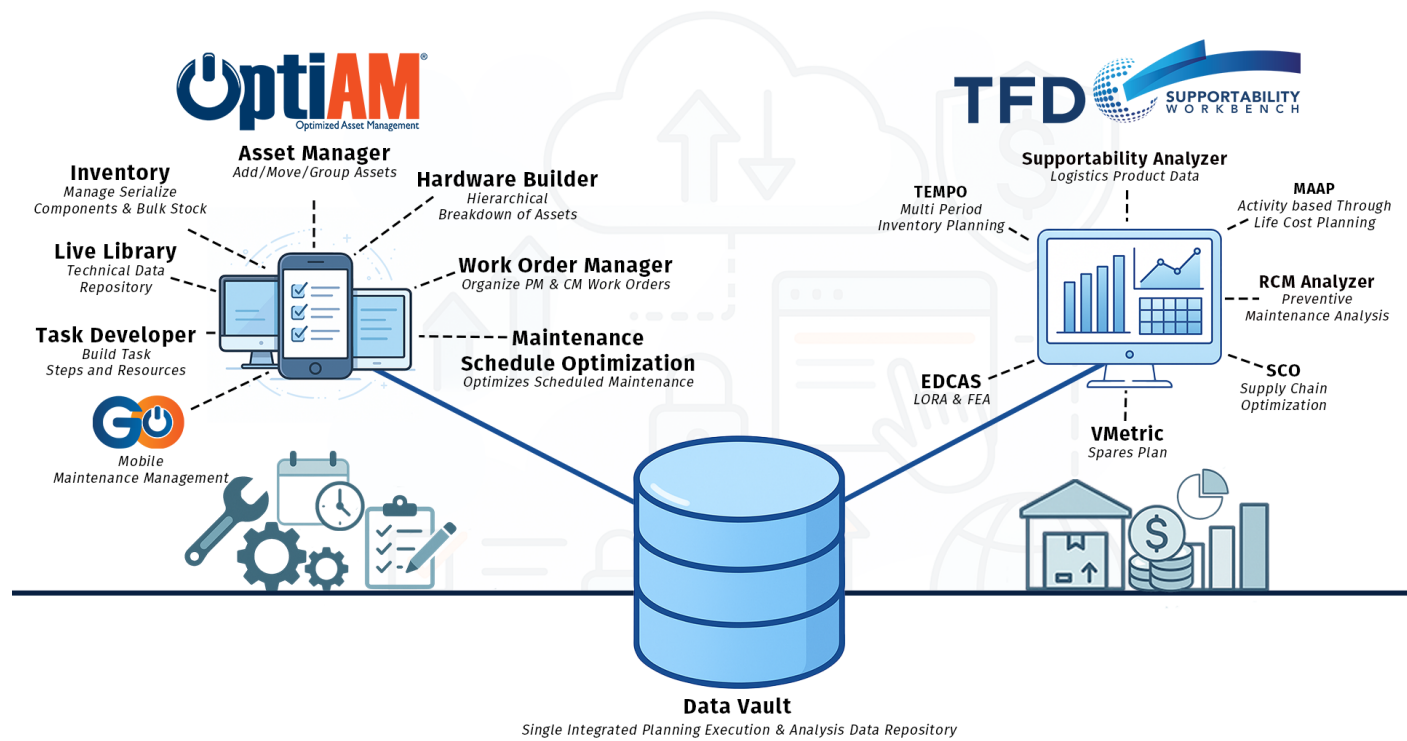
“In the past, we were only capable of updating maintenance plans annually. This was because the master document was kept locally, updated through the years changes were required and distributed as hard copies to all locations. Now, because of OptiAM® we can make changes to PM tasks within minutes, which is immediately accessible to all users around the country.”
- Moran Towing

“The OptiAM® team has been extremely helpful in explaining the software and identifying features that are applicable to our situation. The software is flexible and the team is open to our feedback. They are constantly making improvements to the software”
-Travis Martyn, LafargeHolcim



Single Intergrated Planning, Execution & Analysis

Andromeda Systems Incorporated delivers a fully integrated ecosystem that bridges logistics analysis and asset management, connecting OptiAM® with TFD Supportability Workbench through a shared Data Vault for continuous lifecycle insight.



Contact us to schedule a demo



NOTES

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Andromeda Systems Incorporated (ASI) is an ISO-9001:2015 company committed to superior technical performance and excellence in customer satisfaction. Our mission is to assist asset and fleet managers in achieving optimal levels of economy, availability, and safety by developing and applying leading systems engineering tools, processes, and expertise.