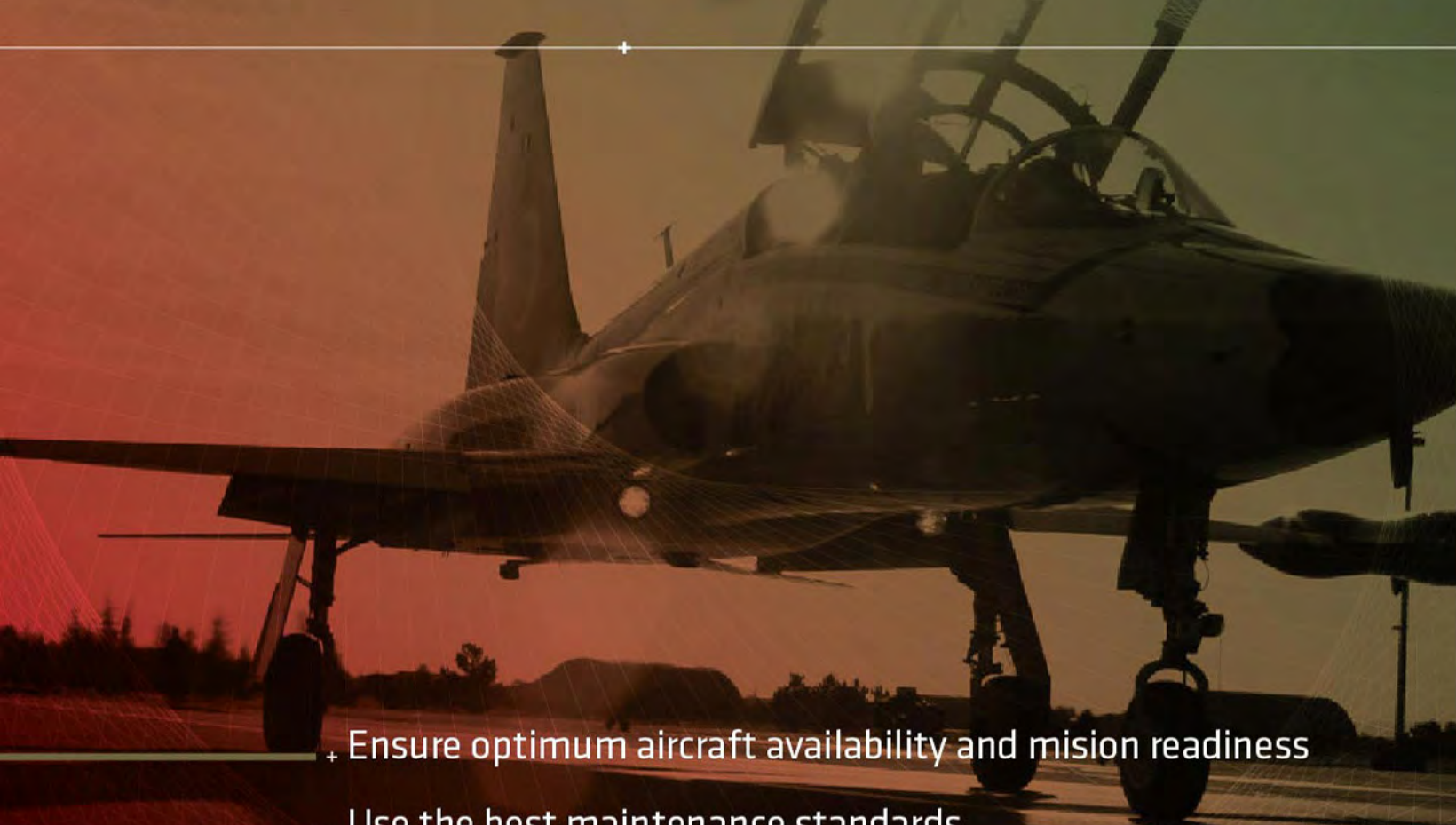




Alkym[®]
MILITARY



- + Ensure optimum aircraft availability and mission readiness
- + Use the best maintenance standards
- + Be prepared: anywhere, anytime





Alkym[®]

MILITARY

AN INTEGRATED MAINTENANCE SOLUTION SPECIALLY DESIGNED FOR DEFENSE ORGANIZATIONS

Aviation maintenance activities need to be organized to provide commanders with the maximum number of safe, mission-capable aircraft. These activities must be dedicated to fast, continuous and reliable aviation maintenance support in the highly mobile, integrated battlefield environment expected in future combat scenarios.

Alkym Military is an integrated maintenance solution specially designed for defense organizations, allowing it to effectively manage the entire maintenance process, integrating production, supply and logistics chain.

Alkym Military provides organizations with complete control over scheduled and preventive maintenance and repair. It offers planning and scheduling functionality to plan the maintenance project work scope, effectively managing non-routine work, assigning labor and other resources, reserving parts, etc.

Based on the best practices Alkym provides a single software solution with first class configuration management, workflow, planning and execution tools, with modules for Engineering and Planning Management, Operational Maintenance as well as Supply and Logistics.

Asset management is another key requirement in defense and security organizations. Alkym Military integrates every process in the supply chain from procurement, tracking, reception, dispatch and storage. Full inventory management is fulfilled by Alkym.

A modern, friendly, flexible and fully configurable interface brings a very intuitive user platform. The advanced data validation and the multi-level security allow restricting or enabling data access tailored to user role and security.

Web enabled, Alkym Military helps to deploy the system and access to the data in remote locations.





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MILITARY



Main benefits



AVAILABILITY

- Increase Aircraft availability.
- Increase Operational readiness.
- Provide accurate information at real time when required.
- Provide Exact Location and aircraft availability.
- Real-time, total asset visibility across a distributed network.

INTEGRATION

- Horizontal and vertical integration across the whole organization including decentralized units (weapon systems).
- Maintenance, engineering and logistics process integration.
- Single vision for the maintenance of the whole fleet.
- The system architecture allows using the same IT tools for the whole maintenance operations, including the independent armed units executing maintenance tasks in remote areas.
- Streamline processes for the whole maintenance, including remote areas.

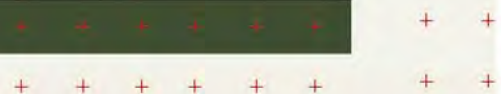
MAINTENANCE



- Centralize the maintenance information of the whole fleet in only one data base.
- Integrate the maintenance tracking of the whole fleet in one system.
- Reduce ground time for technical reasons.
- Short to long time maintenance planning.
- Accurate maintenance forecast.

DATA

- Improve and protect the integrity of data.
- Use different levels of security to protect confidentiality.
- Real-time information and total fleet visibility across the network.
- Real-time and precise Information about aircraft utilization, maintenance, record of failures and costs.
- Centralize or decentralize the data collection points depending on the processes involved.





LOGISTICS

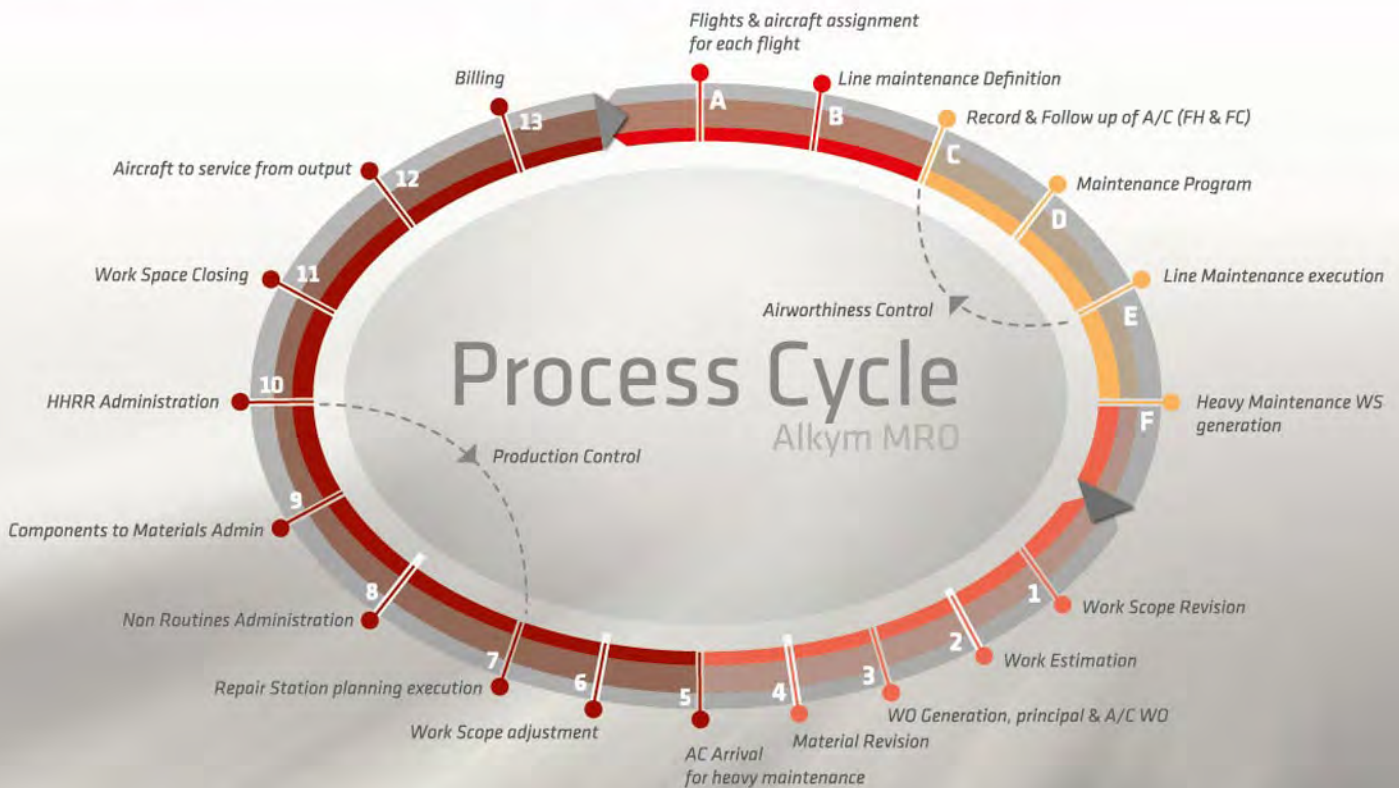
- Optimize material Inventory.
- Improved Material Forecast to ensure the right parts are on hand when needed.
- Performance Based Logistics programs with accurate information on actual asset availability and reliability.

PROCESSES

- Integrate and streamline organizational processes.
- Reduce response times.
- Reduce maintenance process times, especially heavy maintenance.

COSTS

- Reduce operational costs.
- Build quotations precisely with less effort.



- OPERATIONAL PLANNING
- MAINTENANCE PROGRAMMING & SCHEDULING
- COST PLANNING
- RESOURCE & CAPABILITY MANAGER

+ + + + +
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 **Alkym**[®]
around the globe



CERTIFIED Q ISO 9001:2008. – ISO / IEC 90003:2004.

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Management and control
system for aircraft
maintenance

 **VOLARTEC**
World Class Software
Solutions for the
Aerospace Industry

