

KBRwyle

We Deliver

KBRwyle uses a project-wide enterprise approach to provide asset management, and integrates how we maintain client assets with corresponding labor, material, procurement, and mission-driven elements to enable “end-to-end” program control.



Project-wide Enterprise Asset Management

Enabling end-to-end program control

Constraints

The hard reality of today’s government funding constraints dictates that our federal agencies must improve how they track, manage, and assess the reliability and availability of a wide range of physical, technological, environmental, and human assets supporting U.S. interests around the globe.

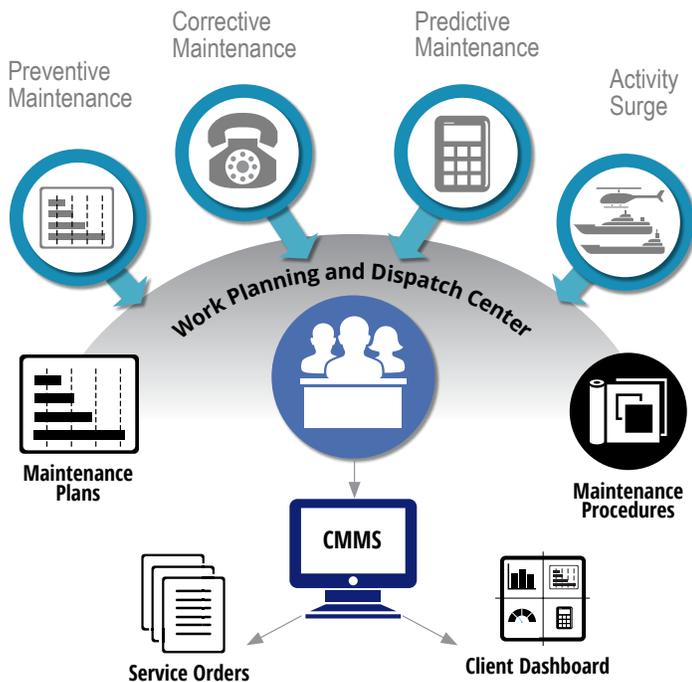
maintenance management. As assets age, maintenance costs rise and replacements are frequently not adequately planned for or budgeted.

Solutions

KBRwyle provides integrated maintenance support to a wide range of federal, military, commercial, and industrial clients, recognizing and responding to their unique asset management requirements and constraints. We implement an “experience-based” program blending preventive, predictive, and corrective maintenance, coupled with value-enhancing analytics to improve asset reliability and availability.

Challenges

Every U.S. agency is struggling with the maintenance-related consequences linked to their aging facilities and equipment assets, further emphasizing the need for increased vigilance and discipline in the area of



KBRwyle’s Work Planning and Dispatch Center is our central hub for planning and scheduling all maintenance and life support services — facilitating timely completion of work requirements for our clients.

Project-wide Enterprise Asset Management

ASSET MANAGEMENT ELEMENTS

APPROACH

Strategic Maintenance Management Planning

KBRwyle implements annual maintenance planning in order to establish alignment between client mission needs, scheduled predictive, preventive, and corrective maintenance activity, and to link support functions that augment a successful program (supply chain, labor, work management, and health/safety). Once initiated and placed in motion, our Annual Maintenance Plan (AMP) becomes a rolling twelve-month forecast which spans the life of the contract. Because mission needs, requirements, and expectations change, the plan is “evergreen,” constantly keeping pace with your business drivers.

PROCESS

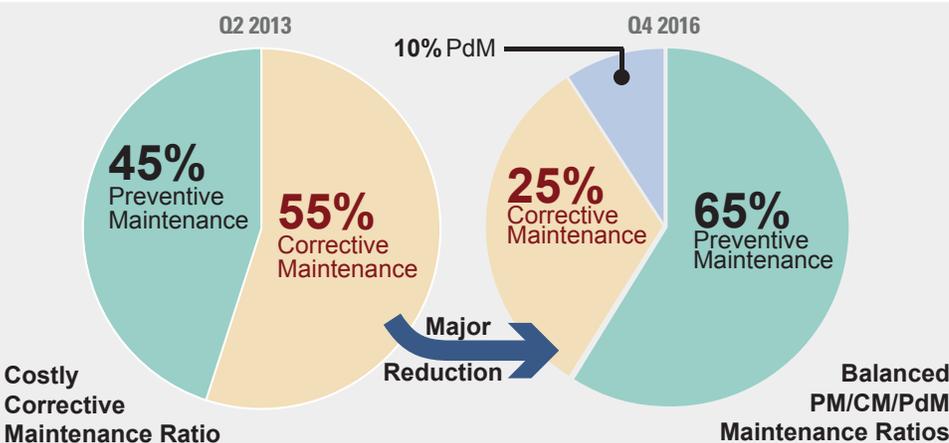
Asset Analytics to Manage Assets, Labor, & Material

“Data is King” in the world of asset management. KBRwyle’s asset teams develop key performance indicators, and track specific maintenance metrics to assess and correct maintenance delivery on a continuous basis for our clients. Real-time data dashboards provide visibility into work order types and trends. For instance, if our analytics discover corrective work orders suddenly increasing in a particular department, our staff performs root cause analysis to identify the issues, and then amends our work process to prevent recurrence. We provide our clients with web-enabled access into our i-Share portal to monitor data trends and analysis in real-time.

TOOLS

Computerized Maintenance Management System

Our CMMS, configured using IBM Maximo, is the cornerstone of the electronic platform we use to satisfy client-driven maintenance management needs. Our CMMS is fully integrated and linked to our U.S. government-approved financial, accounting, procurement, and inventory systems; and it links to our client-facing, real-time data dashboard, i-Share. We harness Maximo’s full functionality, including Inventory, Asset Management, Work Order, and Preventive Maintenance modules. Using this approach, we reduce maintenance-related labor and material costs, and extend the useful life of critical assets on every DoD military base we support.



Djibouti NAVFAC Case Study

We shift activity away from costly, disruptive, corrective maintenance (CM), opting to proactively leverage condition-based maintenance (CbM), predictive maintenance (PdM), and preventive maintenance (PM) measures.

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