QAD ENTERPRISE ASSET MANAGEMENT

QAD Enterprise Asset Management is an integrated plant operation solution that enables companies to operate plants more efficiently by keeping equipment running at the lowest cost. Enterprise Asset Management manages capital projects to bring assets online and then manages those assets through operational life and replacement. It manages plant maintenance; provides visibility into spare parts inventory across multiple facilities; and tracks capital, customer-funded, and expense projects.

Plant Maintenance supports preventative and predictive maintenance, and planned and unplanned work needed to keep equipment reliable so plants can operate at optimum capacity. Management has complete visibility into all costs, with complete analysis of labor, material and contractor expenses.

Inventory management achieves the ideal balance between having the right spares on hand and minimizing inventory investment. It provides the structure and controls needed to order the correct item, in the right quantities and within budget.

There is complete visibility into inventory across all sites, allowing companies to track, identify and transfer parts across plants. Users can reserve critical parts in advance of the required date. Stock replenishments occur automatically based on min/ max levels and reorder point, with stock-out alert notifications for inventory shortages.

Enterprise Asset Management manages all indirect purchasing activities, including stock and nonstock parts and contractor services. Automatically generated and routed electronic requisitions conform to individual spending limits, and uses supplierнegotiated price schedules to ensure the most favorable pricing.

Project Management plans, tracks and controls detailed project budget and spending data for capital, expense, or customer-funded projects, providing up-to-the minute costing information. Project spending is controlled by approved budgets with electronic authorization workflow and alerts that are generated if spend will exceed a specified threshold. It automatically generates invoices for milestone payments ensuring timely customer payment.

VALUE AND BENEFITS

The primary value you will receive from Enterprise Asset Management will be increased return

on investment (ROI) from plant and equipment. You will be better able to achieve your performance targets for key customer service and fulfillment metrics.

Increases return on investment from plant and equipment. Maximize asset utilization and production yield by keeping critical equipment in peak operating condition.

Ensures availability of critical machines. Proactively manage preventative and predictive maintenance, reducing unplanned and emergency repairs.

Increases the service life of equipment and avoid warranty issues. Adhere to recommended maintenance schedules.

Improves performance against key metrics. Track improvements in production yield percent, scrap/ rework percent, and Overall Equipment Effectiveness (OEE) while significantly reducing unplanned maintenance downtime.

Reduces maintenance cost. Proactive maintenance reduces machine downtime, lost production, repair/ rework, missed shipments, and the excess overtime and premium freight costs typically associated with emergency repairs.

Reduces inventory cost. Plan spare parts requirements across multiple facilities, minimizing inventory levels and avoiding obsolescence without risking critical spare parts shortages.

Reduces procurement cost. Use spending limits, automated requisition approval processes and approved supplier lists to reduce procurement cost and avoid unnecessary spending.

Increases project return on investment. Closely track project performance to schedule and budget, with automatic alerts as spending levels approach thresholds.

Improves cash flow. Generate timely invoices for customer-funded projects based on contract terms, automatically creating an invoice based on milestone completions.

KEY FEATURES

- QAD Enterprise Asset Management manages planned and unplanned equipment maintenance, MRO inventory, material procurement, and capital and customer-funded projects.
- By scheduling preventative and predictive maintenance based on elapsed time or usage, you avoid unplanned downtime and control maintenance costs. You can use supplierrecommended maintenance schedules, or recommend maintenance based on actual run time or machine cycles.
- Use up-to-date cost analysis, with parts, labor and contractor service costs tracked in detail for each piece of equipment. Determine if it is more costeffective to repair or replace equipment based on actual maintenance spend versus replacement cost.
- Reduce overall inventory by planning parts usage across multiple facilities. Automatically replenish stock based on min/max and reorder points, with alerts for shortage situations.

Reserve critical parts in advance and transfer expensive parts between sites as needed. Use supplier consignment to reduce inventory investment even further.