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JD Edwards EnterpriseOne Capital Asset Management

Capital Asset Maintenance Challenges

CHALLENGES

- “80% of failures are random” - resulting in emergency work orders which cause unanticipated downtime
- Increased financial pressures on Asset Cost of Ownership
- Software user is evolving
- Aging assets, tighter regulations and emerging standards



CAPABILITIES

- Holistic Maintenance Strategy, balance of:
 - Reactive
 - Preventive
 - Predictive
- Equipment Cost Analysis, Resource Assignments and Crew Scheduling
- Role-based workspace and portals
- Condition-Based Maintenance



VALUE

- Reduced Operating Cost
- Optimized Asset / Equipment Performance
- Regulatory and Standards Compliance
- Profit-Center rather than Cost-Center

JD Edwards EnterpriseOne Capital Asset Management

Single System, Seamless Integration

FINANCIAL

HUMAN CAPITAL

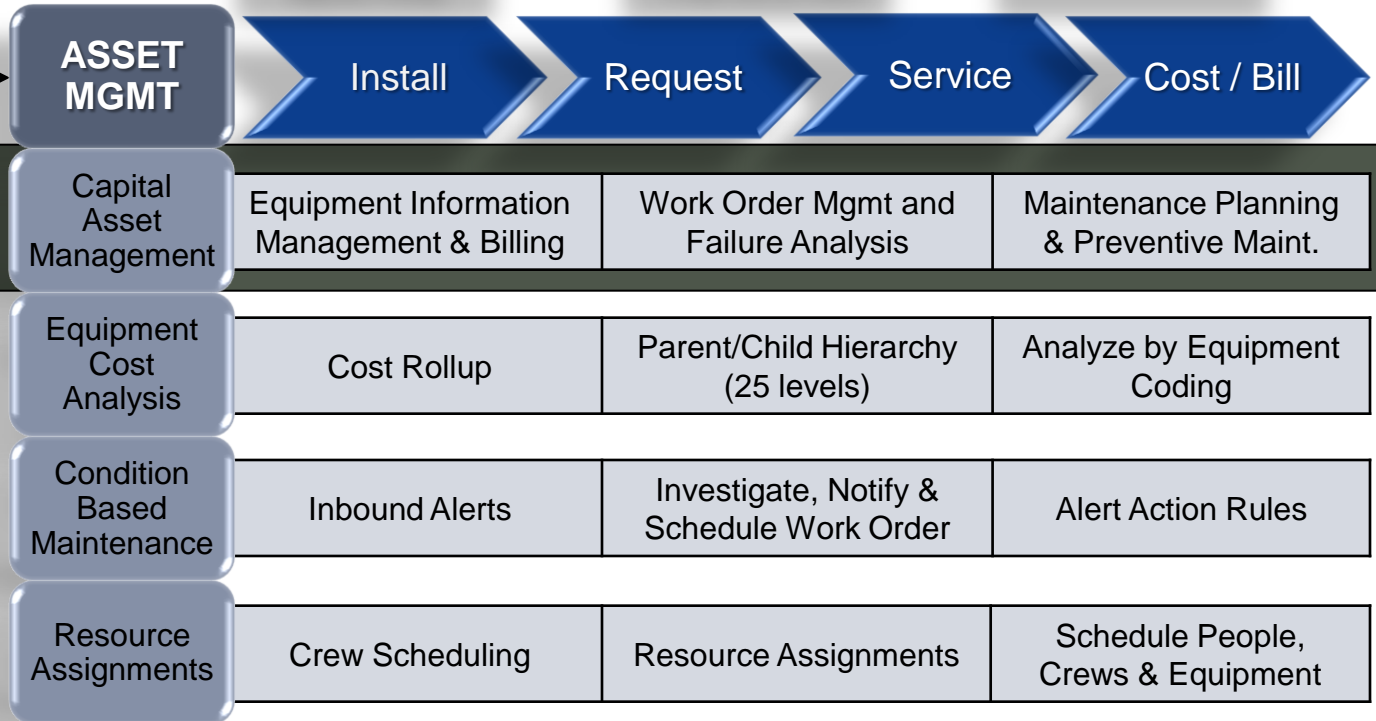
CRM

ASSET MGMT

PROJECT

SUPPLY CHAIN

TOOLS



Fixed Plant



Buildings & Grounds



***CAM Supports
Multiple
Asset Types***

IT

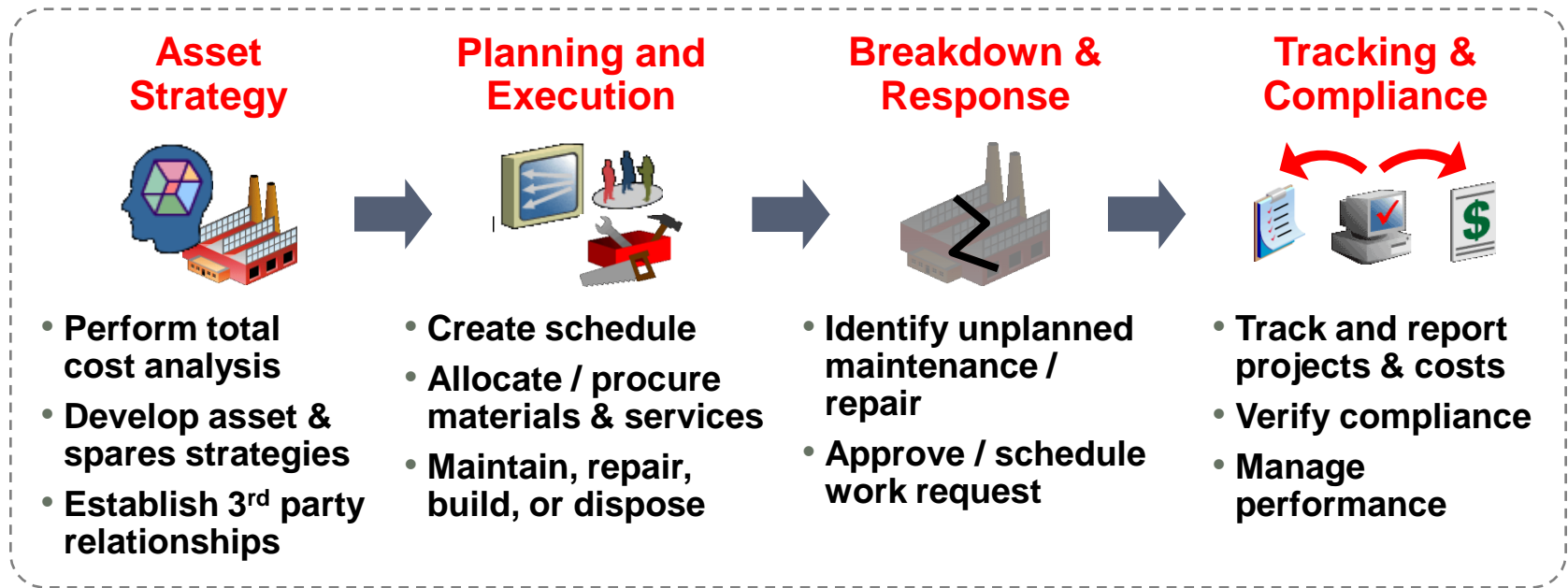


Linear/Network



Mobile/Fleet

Asset Management At-a-Glance



- Reactive Maintenance – Run to Failure-based – **when it breaks, fix it**
- Preventive Maintenance – Time-based – **prevent failures with regular maintenance**
- Predictive Maintenance – Condition-based – **monitor for out of tolerance**

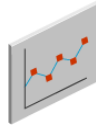
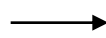
- Today, maintenance is expected to contribute to the strategic goals.
- Equipment downtime costs companies lost revenue!
- A world class maintenance organization needs all three strategies.

Multiple Maintenance Strategies

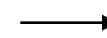
Condition Based



Condition Monitoring



System Identification of Limit Violations



Workflow-Driven System Action

Preventive



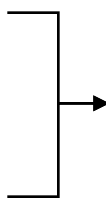
Planned Usage



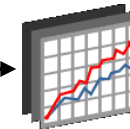
Actual Usage



Estimated Life



Maintenance Schedules

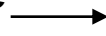


Maintenance Forecast

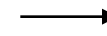
Reactive



Maintenance Request



Unplanned Maint Scheduling



Operator Initiated WO Req / Approval

Solution – Capital Asset Management

Supports maintenance programs

- Installed base records
- Preventative, predictive, conditional maintenance
- Failure analysis
- Resource Assignment
- Equipment cost analysis
- Internal / External Service Providers

Integrated

- Real-time costing (\$'s per unit)
- Check parts availability and purchase
- Component commitment at SO entry
- Dynamic pricing, cost, parts list, routing
- Real-time alerts with work flow

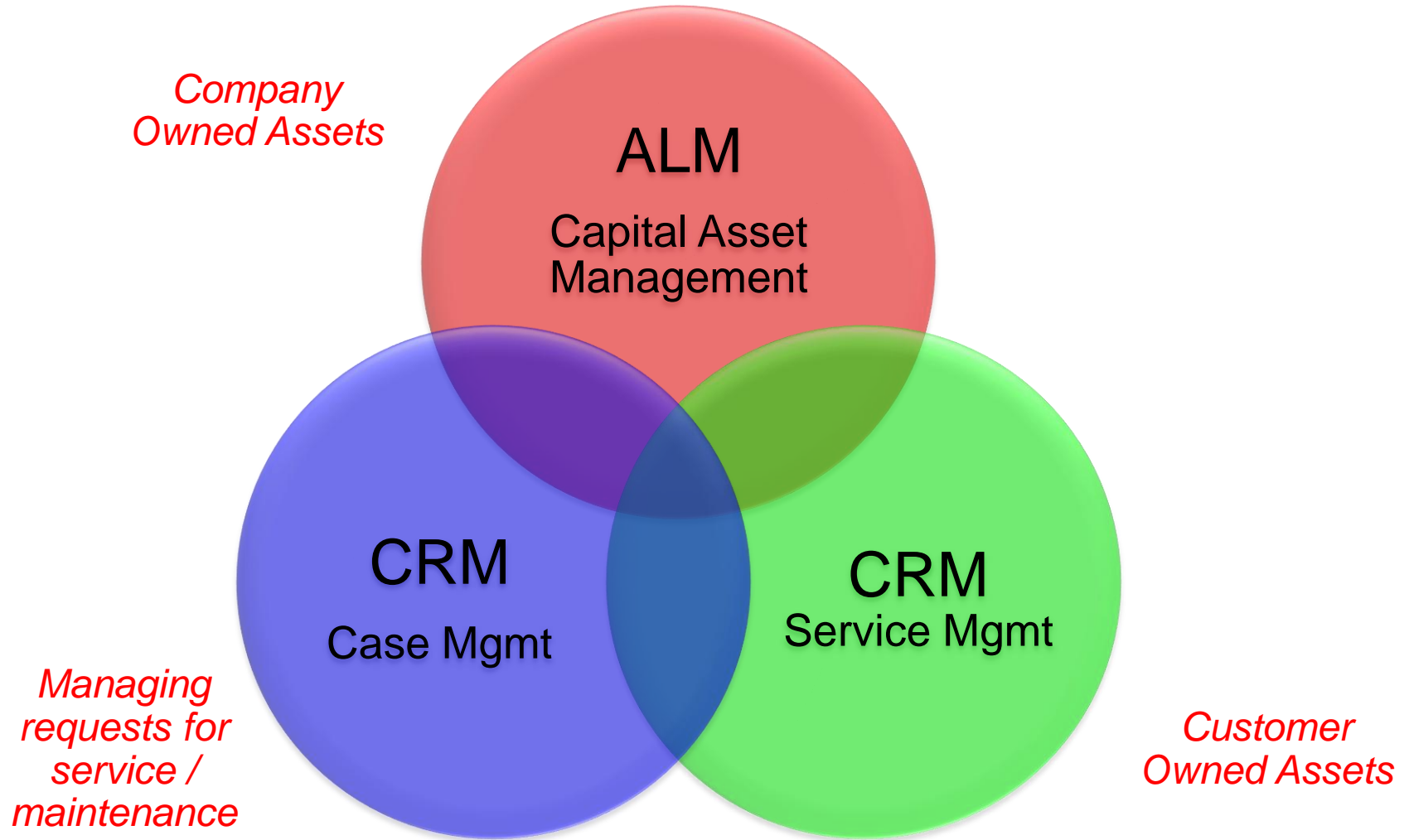


Related functionality

- Contracts
- Service
- Call Center

JD Edwards EnterpriseOne Product Areas

Enabling End-to-End Business Processes for Maintenance Management



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