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JD Edwards EnterpriseOne Resource Assignments

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

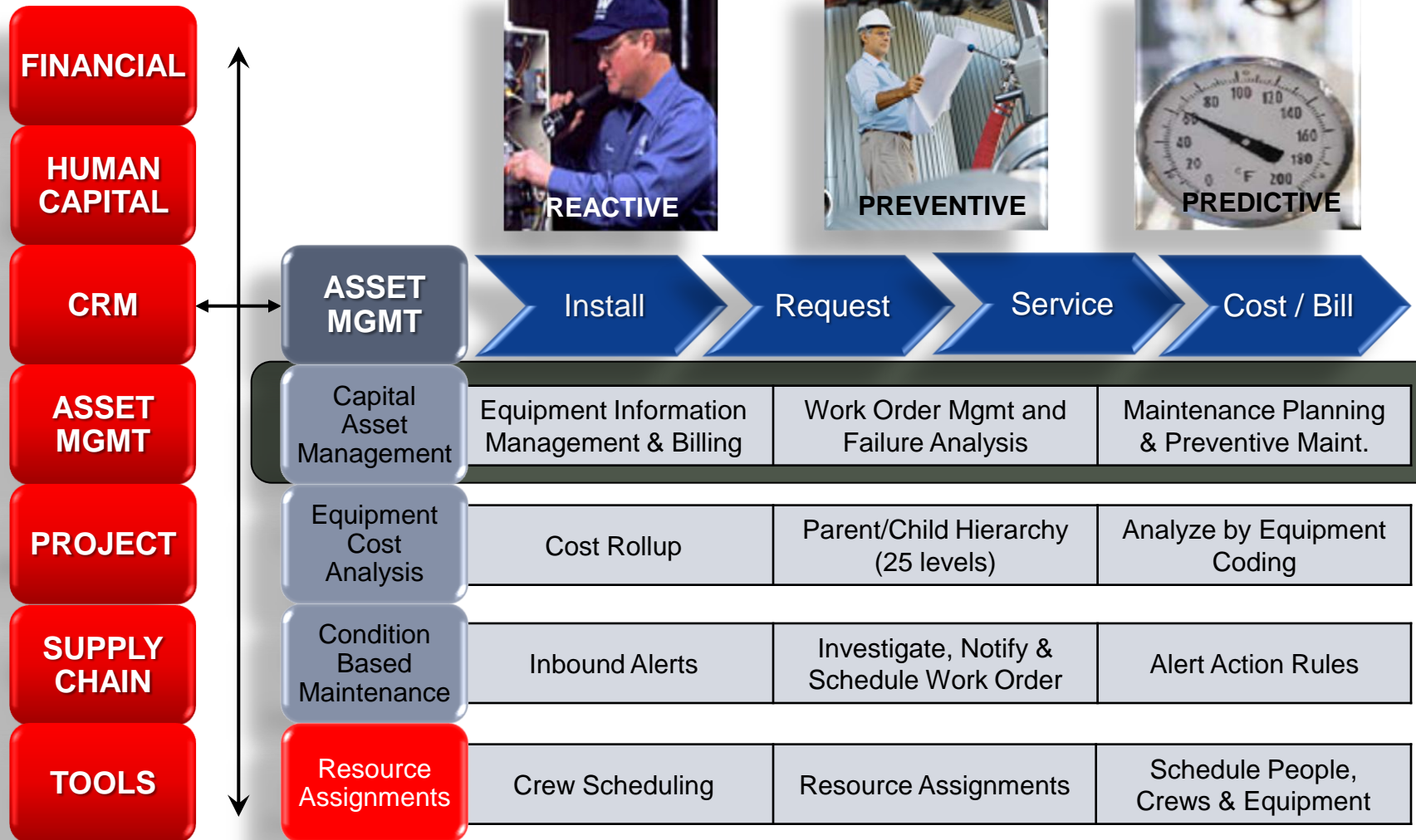


VALUE

- 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



Fixed Plant



Buildings & Grounds



***CAM Supports
Multiple
Asset Types***

IT

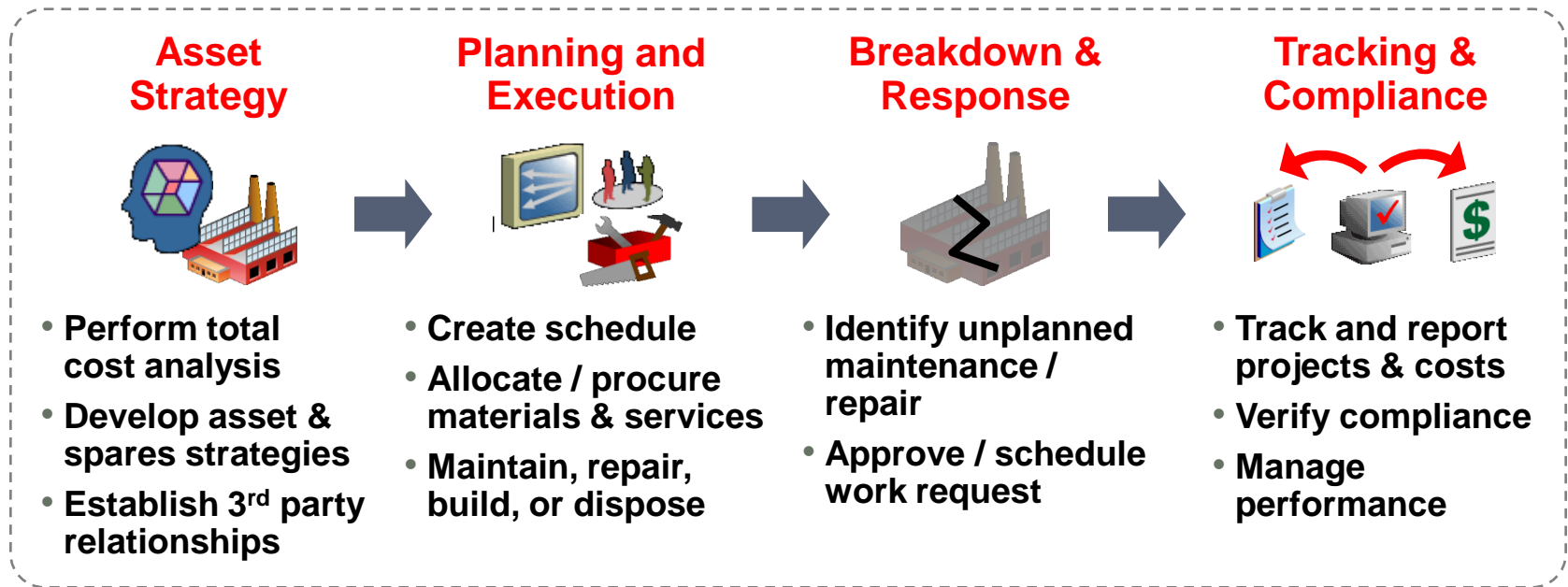


Linear/Network



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.

Daily Resource Assignments

Home Navigator Open Applications Recent Reports Favorites Fast Path

Resource Assignment - Work With Resource Assignments

Query: All Records

Close

Work Order Details **Advanced Search**

Crew Scheduled Start Date 01/01/05

Supervisor Scheduled End Date 14/01/05

Find Form Exits: [Summary Review](#) | [Detail Review](#) | [Export](#)

Resource Assignment

☒ All
☐ Assigned
☐ Not Assigned

Records 1 - 4

<input type="checkbox"/>	Order Number	Oper Seq#	Description	Planned Start Date	Planned Finish Date	Estimated Hours	Individual Resources	Estimated Hours Machine	Equipment Resources
<input type="checkbox"/>	459680		Forklift		30/05/12				
<input type="checkbox"/>	459698		Forklift		30/05/12				

Assign Resource Remove Resources Assignment Detail

Resource Search

Find Resource Type 01 Resource Number Project From 01/01/05

Records 1 - 6

Resource Number	Description	Crew	Crew Desc	Lead Craft	Lead Craft Desc	01/01/05
<input checked="" type="radio"/> 4800	Josephson, Michael	9300	Maintenance Crew B	PRODEN	Production Engineering 1	
<input type="radio"/> 8446	Bennett, Jody	9250	Maintenance Crew A	ELECTRICIAN	Electrician	

Availability **Assignments**

Resource Type 01 Resource Number 4800 Josephson, Michael

Records 1 - 3

Totals	01/01/05	02/01/05	03/01/05	04/01/05	05/01/05	06/01/05	07/01/05	08/01/05	09/01/05
<input checked="" type="radio"/> Capacity			8.00	8.00	8.00	8.00	8.00		
<input type="radio"/> Load									
<input type="radio"/> Availability			8.00	8.00	8.00	8.00	8.00		

✓ Assign work to the schedule

✓ Assign resources to the work

✓ Verify availability of resource

Crew Scheduling

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Roles ▾

Personalization ▾

Help

Sign Out

Home Navigator ▾ Open Applications ▾ Recent Reports ▾ Favorites ▾

Fast Path

Crew Scheduling Workbench - Manage Schedule

Query: All Records

Close

Crew * 9250 Maintenance Crew A

Supervisor *

Craft

Schedule Period * Current Period ▾ Schedule Date Range * 30/05/05

Find

✓ Assign work to the schedule

Search for: [Carryover Work](#) | [Unscheduled Work](#) | [PM Forecasts](#)

More Form Actions: -- Select One -- ▾

Records 1 - 8

[Customize Grid](#)

<input type="checkbox"/>	Parts Availability	Craft	Order Number	Oper Seq#	Service Type	Assigned Hours	Start Date	Work Order Description	Labor Detail Description
<input type="checkbox"/>	Available	200-800	451557	31.00		5.00	30/05/05	Preventive Maintenance Order	Service Center
<input type="checkbox"/>	Shortage	ELECTRICIAN	452541	20.00		1.00	30/05/05	ENGINE NOT STARTING	Charge Battery

Remove from Schedule

Move To: -- Select One -- ▾

More

✓ Assign crews to the work

Crew Availability by Craft

Crew 9250 Maintenance Crew A

Schedule Period * Current Period ▾ Schedule Date Range * 30/05/05 05/06/05

Records 1 - 5

Craft	All	MECHANICA	ELECTRICIAN
Target Hours	91.80	59.40	32.40
Scheduled Hours	54.50	47.50	7.00
Variance	37.30	11.90	25.40
Scheduled %	59.36 %	79.96 %	21.60 %
Load %	90.00 %	90.00 %	90.00 %

Close

✓ Verify availability of the crew

Local intranet

100%

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The Benefits of Resource Assignments

“Right Resource for the Right Job”

- Need for additional training decreases
- Reduces work-related injuries
- Employee performance levels increase
- Assigned equipment not pushed beyond limits

Simplify Scheduling

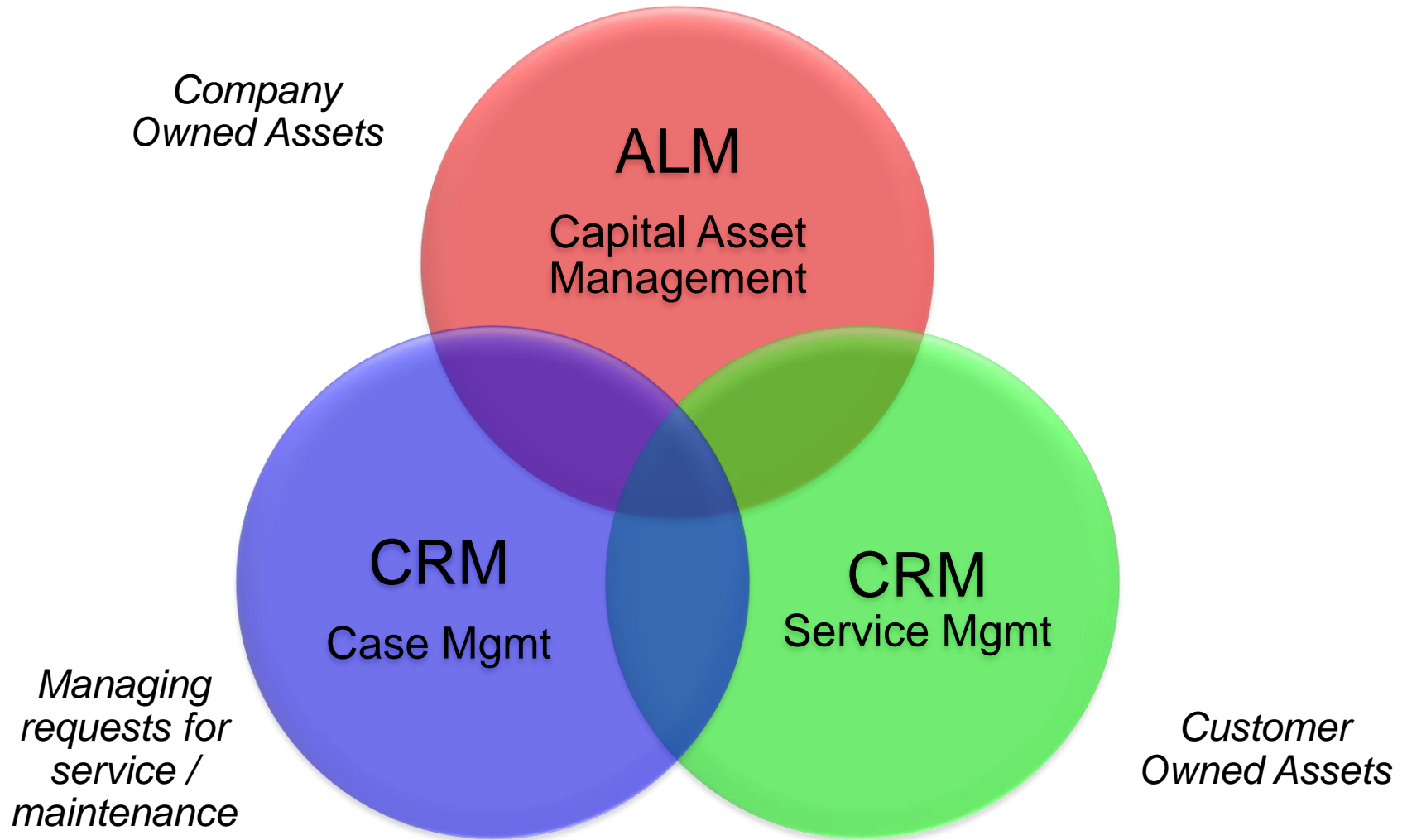
- Balance supply and demand variables
- Prepare weekly schedules at crew or craft levels
- Set realistic target based on crew capacity

Optimize Capacity

- Measure schedule compliance by crew
- Adjust loads as crew capacity improves
- Full JDE integration ensures parts availability

JD Edwards EnterpriseOne Product Areas

Enabling End-to-End Business Processes for Maintenance Management



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