Maximo Asset Management

Enterprise Asset Management (EAM) is the lifecycle management of the physical assets of an organization.

An asset can be such things as machines, equipment, tools, buildings, plants, vehicles or ships.

The world's leading EAM solution, used by the largest asset intensive organizations in the world.

Watson IoT™

IBM®

What can EAM do?
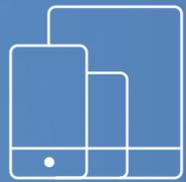
Collect and analyze data on all types of assets

Improve operations through better asset availability, reliability and utilization
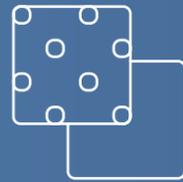
Extend the useful life of all assets or equipment

**Improve return on investment and defer new purchases**

Unify processes across multiple sites

Move to advanced stages of asset maintenance with IoT

The more mature your asset maintenance strategy is, the more value it will show to the business.

As you move towards condition-based and prescriptive maintenance, you put your IoT data to work.

Business impact

Performance

Asset management maturity

Calendar based

Usage based

Condition based

Prescriptive

Asset value & business impact

Maintenance is an expense

Maintenance is an investment
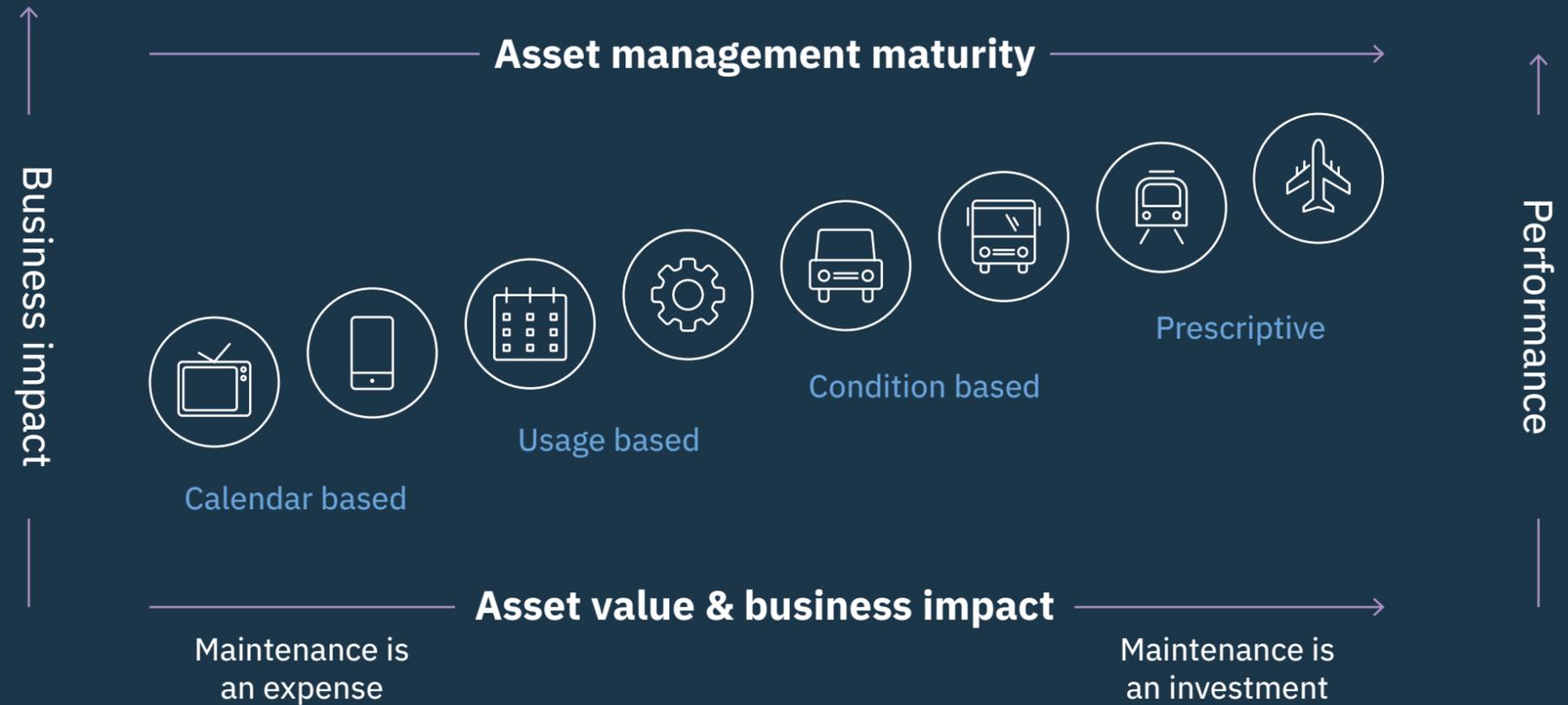
Top 10 benefits of Maximo

Increase efficiency and improve the ability to achieve business goals by:

1. Reducing unplanned downtime
2. Minimizing asset failures
3. Maximizing use of resources
4. Increasing asset reliability
5. Reducing inventory costs
6. Improving capital budget planning
7. Improving safety & risk management
8. Adhering to regulatory compliance
9. Extending the life of assets
10. Providing one version of the truth

ROI and value

Risk and compliance management
– Regulatory compliance
– Health safety & environment

Operational excellence
– Best practices
– Reliability

Business agility
– Process standardization
– Ability to adapt

Business alignment
– Investment accuracy
– Supporting strategic goals

System consolidation
– One version of the truth
– Cost and complexity
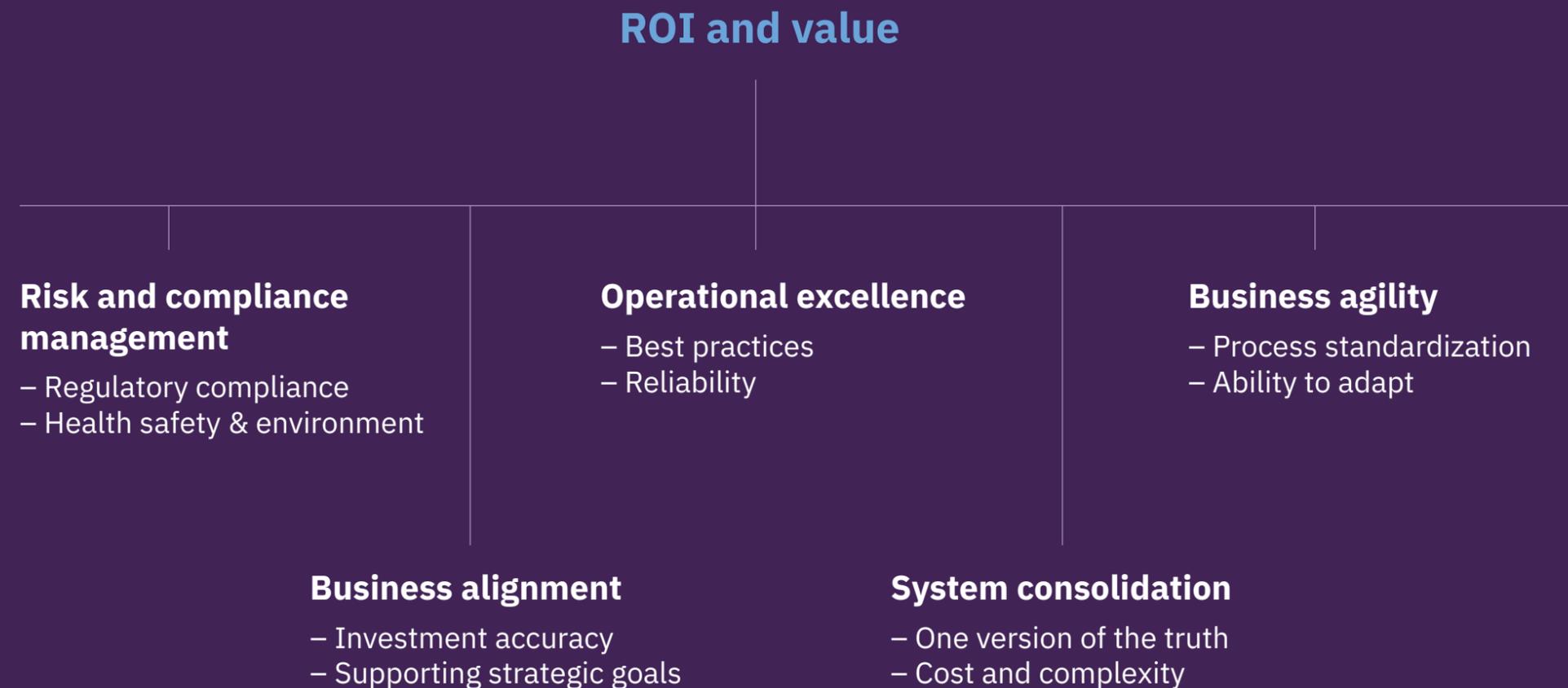
Integrated capabilities of Maximo

Work management
– Job plans for recurring tasks
– Predictive maintenance
– Manage labor, skills, qualifications
– Mobile enablement for better point of failure data collection

Asset management
– Location/Function, work, and cost history
– Roll-up costs
– Asset modeling
– Improved asset safety
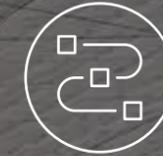
Supply chain
– Manage inventory across storerooms and sites for better visibility
– Eliminate costly off-contract buying
– Improved monitoring of vendor performance
– Fully manage receipts, inspections and vendor payments

Planning and scheduling
– Ensures assignment of the right person, with the right skills
– Drag-and-drop team assignments accelerates schedule optimization

Health Safety Environment
– Standardize HS&E practices
– Operators log risk assessment, incident management, Investigation and correction
– Planning for hazard identification, risk assessment, and risk control

Analytics
– Descriptive, predictive and prescriptive analytics
– Built on industry-leading Cognos business intelligence software
– Available & customizable by user type

Maximo benefits all functional departments

Executives
have visibility and control across the organization through common systems enabling better business decisions.

Purchasing managers
can see costs and orders enterprise-wide for price comparisons, discounting, standardization and order tracking.

Contract Managers
can see asset related contracts; negotiate vendor T&Cs and monitor supplier performance.

Financial Managers
can see the entire inventory and analyze return on assets for financial reporting.

Compliance Manager
can see asset detail to ensure regulatory compliance and mitigate risk.

Operations Managers
can see asset conditions in sufficient detail to improve asset utilization & performance.

IT Managers
can see how to streamline inventory and resources across the organization.

Reliability Engineers
can see asset health and make better repair replace decisions.

Planners and Schedulers
can see availability of their workforce and use graphical tools to make assignments.

Maintenance Managers
can see job plans enabled by availability of information to increase asset capacity.

Field Technicians
can see work assigned to them and capture critical data about assets in a mobile device.

What industries depend on Maximo?

Maximo Asset Management meets the needs of various industries and their types of assets.

Manufacturing
– Plants and production lines
– Warehouses

Transportation
– Roads, bridges, vehicles
– Rails, trains
– Airports, aircraft

Energy
– Transmission and distribution networks
– Power plants
– Drilling platforms and wells
– Refineries

Buildings
– Commercial offices
– Government buildings
– Schools and college campuses
– Hospitals

Water
– Wells and dams
– Treatment plants
– Pipes and valves

And more...

Real examples: Addressing challenges to drive ROI

Insight into how companies in the transportation industry use Maximo:

A power generation utility **5 percent reduction** in planned overhauls and **eliminated 5 percent of forced outages saving USD 4.6 million annually**

A large OEM **reduced overhaul process time** from 56 days to 21 days

A rail maintenance service company **reduced costs 20 percent** by optimizing material purchases

A consumer products company with a medium size fleet **increased warranty recovery 50 percent**

A major US railroad **saved USD 5 million** by better tracking labor to specific work

A large passenger railroad was able to **identify USD 18 million in excess or obsolete inventory**

A fleet management company **saved USD 9.5 million** by meeting 100 percent availability with less

A railroad **saved USD 1.8 million** impacting areas such as financing, insurance, handling and overhead