IBM **Maximo**

Transform your asset management, maintenance and operations
—
IBM Maximo Application Suite

IBM

A digital re-invention is disrupting the operating model of asset intensive industries

Equipment
is connected
and predicting
its own failures

AI changing
the driving
experience

Airports are
becoming
automated

Buildings
are smart and
operate more
efficiently

Assets are more
complex driving
engineering
complexity

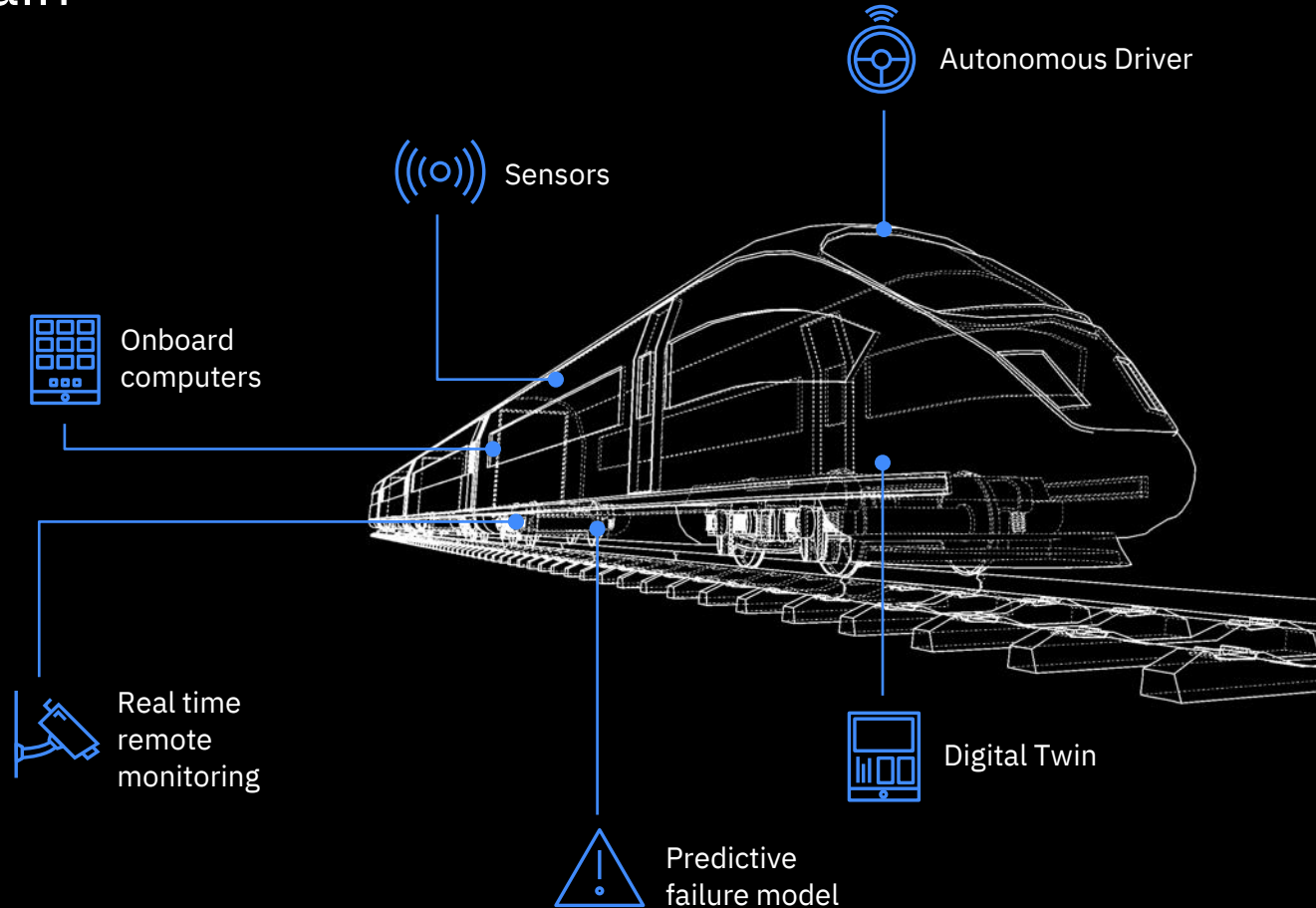The underlying solutions supporting
these assets must change

The Modernized Train (example)

15%-50%
Reduced Operational Cost

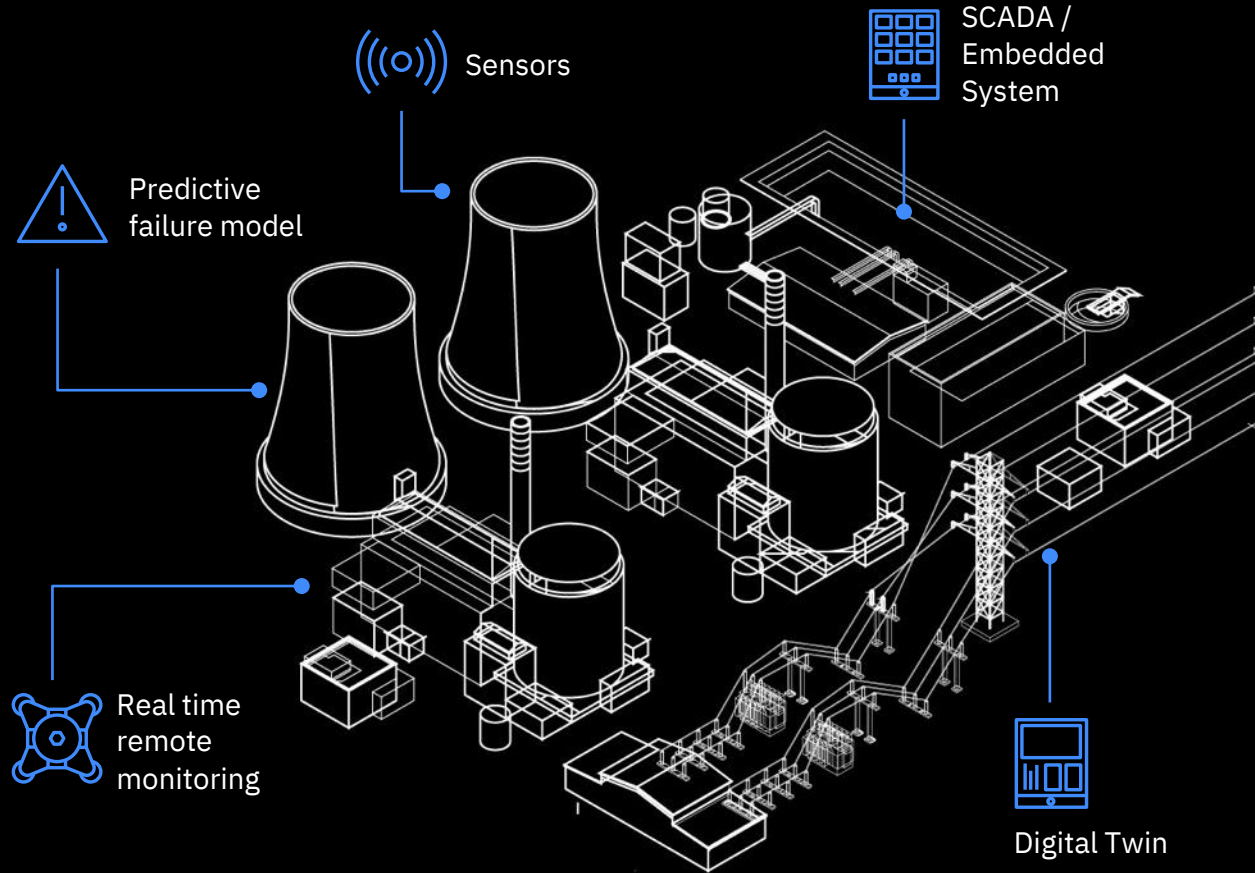**10%-20%**
Increased Up time & Availability

Autonomous Driver

Sensors

Onboard computers

Real time remote monitoring

Predictive failure model

Digital Twin

The Utility of the Future – Power Generation (example)

15%-25%
Reduced Operational Cost

5%-10%
Increased Up time & Availability

Predictive failure model

Sensors

SCADA / Embedded System

Real time remote monitoring

Digital Twin

Daily challenges we hear from our clients

We want to decrease downtime...

$50B
Savings on unplanned downtime

30%
Reduction of maintenance activities

70%
Hours saved by preventive maintenance

We need to derive new value from data...

82%
of asset failures appear randomly

99%
of data collected from sensor-enabled assets goes unused

We are losing our most experienced technicians...

30%
of the total workforce is retiring

32%
average turnover in the field workforce

$170B
cost of safety incidents in US industries in 2019

We want to decrease rework and warranty cost...

1.2%
of annual revenue is rework and material waste costs

2.0%
of annual revenue is warranty work costs

The operating model change also applies to technicians

Equipment becoming more complex

Equipment remotely monitored

Experienced technicians retiring

Higher churn for newer techs
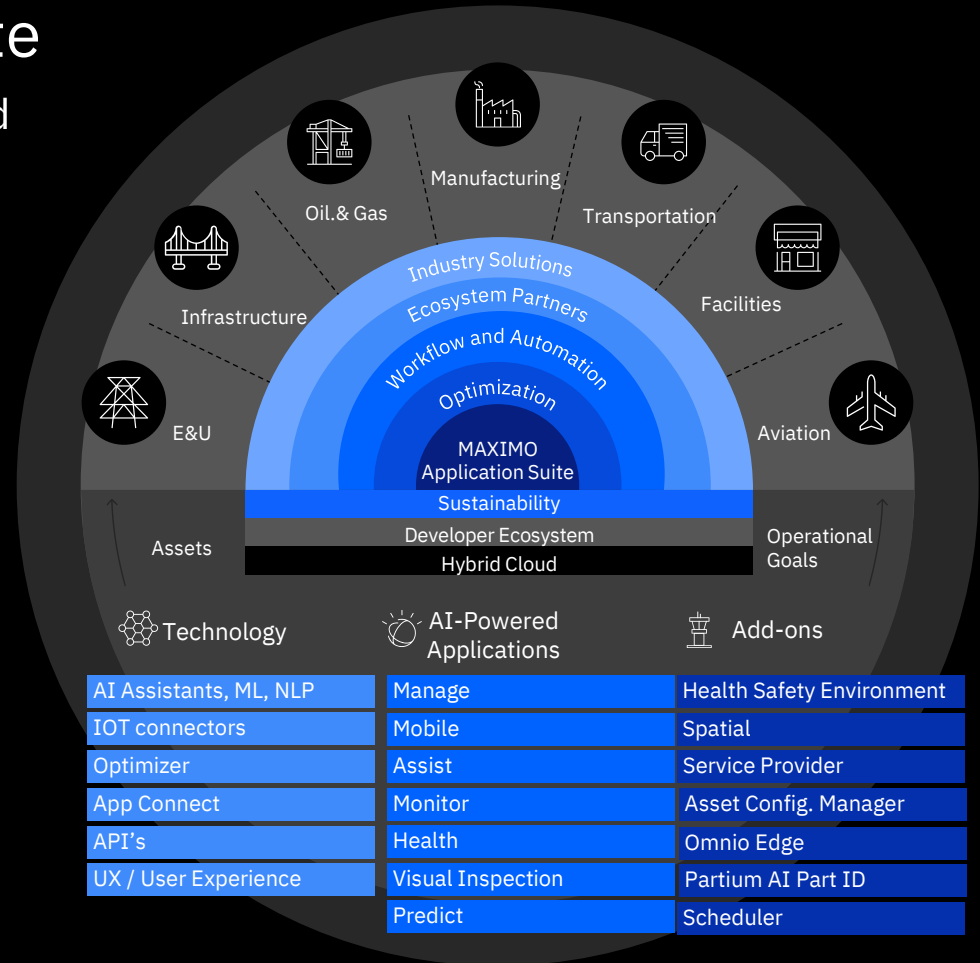
Safety concerns increasing

IBM Maximo Application Suite

Remote asset monitoring, maintenance and reliability applications in a single platform

– Integrated solution

– Usage Flexibility

– Multi-cloud deployment

ibm.com/maximo

Manufacturing

Oil & Gas

Transportation

Infrastructure

Industry Solutions
Ecosystem Partners
Workflow and Automation
Optimization

Facilities

E&U

MAXIMO
Application Suite
Sustainability
Developer Ecosystem
Hybrid Cloud

Aviation

Assets

Operational Goals

Technology

AI-Powered Applications

Add-ons

Technology	AI-Powered Applications	Add-ons
AI Assistants, ML, NLP	Manage	Health Safety Environment
IOT connectors	Mobile	Spatial
Optimizer	Assist	Service Provider
App Connect	Monitor	Asset Config. Manager
API's	Health	Omnio Edge
UX / User Experience	Visual Inspection	Partium AI Part ID
	Predict	Scheduler

Best of class capabilities to provide complete view of your assets

Manage
Intelligent asset management

Monitor
Monitor and detect anomalies

Health
360-degree view of assets

Predict
Predictive failures

Visual Inspection
AI-Powered Insights

Mobile
Technician work execution

Assist
Prescriptive assistance

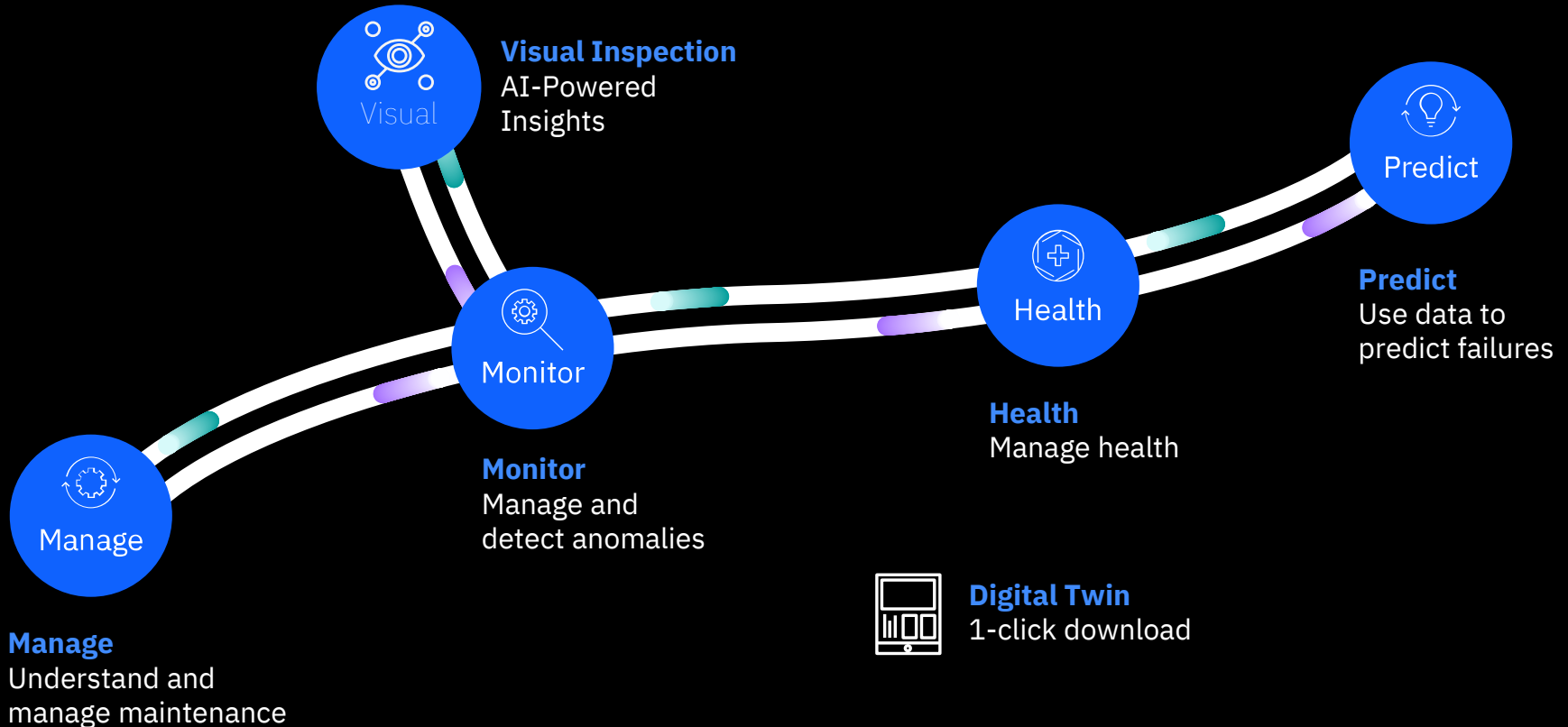**Scheduler**
Schedule work and resources

Coming soon...

Industry Accelerators
Solutions tailored to your industry

Maximo Application Suite:
Journey to the new operating model

Visual Inspection
AI-Powered
Insights

Predict
Use data to
predict failures

Health
Manage health

Monitor
Manage and
detect anomalies

Manage
Understand and
manage maintenance

Digital Twin
1-click download

Visual

Predict

Health

Monitor

Manage

Maximo Application Suite Benefits

Integrated solution

Simplified licensing

Multi-cloud deployment

Start anywhere and scale your digital transformation journey

Integrated Suite of Applications

Maximo Application Suite
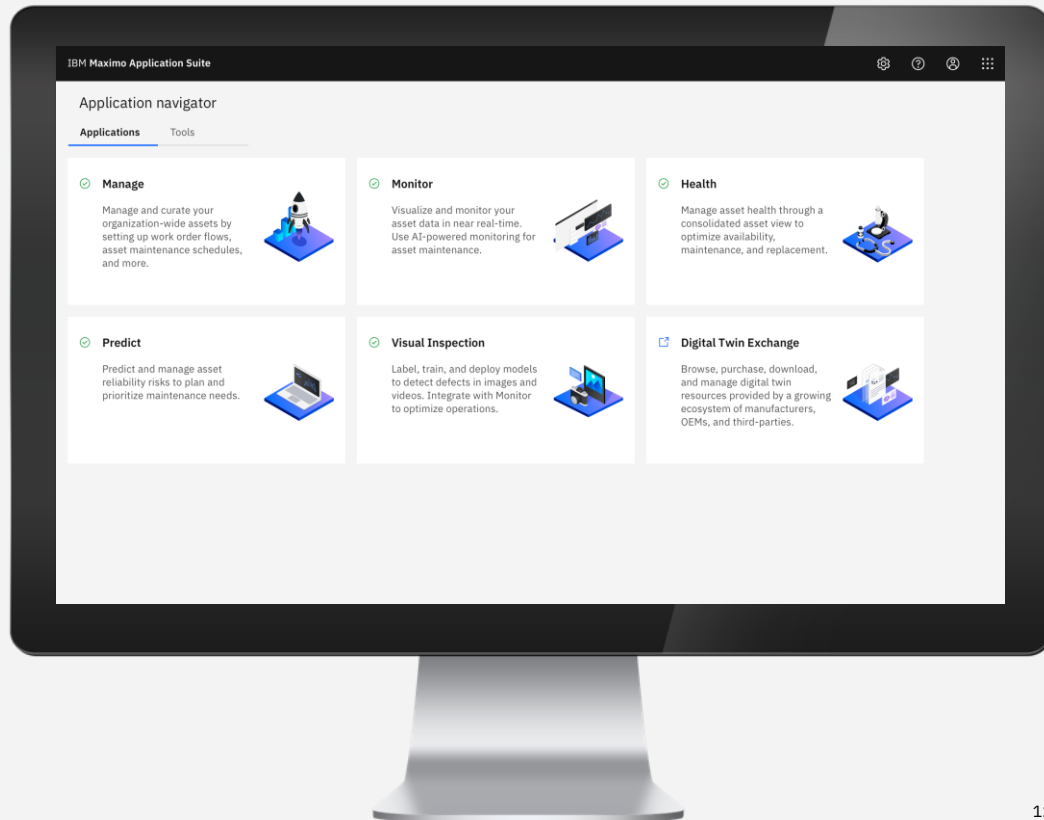
Multi-Cloud Deployment

Manage
Intelligent asset management

Monitor
Monitor and detect anomalies

Health
360-degree view of assets

Predict
Predict failures earlier

Visual Inspection
AI-Powered insights

Mobile
Technician work execution

Assist
Prescriptive assistance

Scheduler
Schedule work and resources

IBM Cloud Pak for Data | IBM Watson Studio | IBM Watson ML

Red Hat OpenShift

Infrastructure Independent
Common Operating Environment

IBM Cloud   aws   Azure   Google Cloud   Edge   Private   Systems

Maximo Application Suite

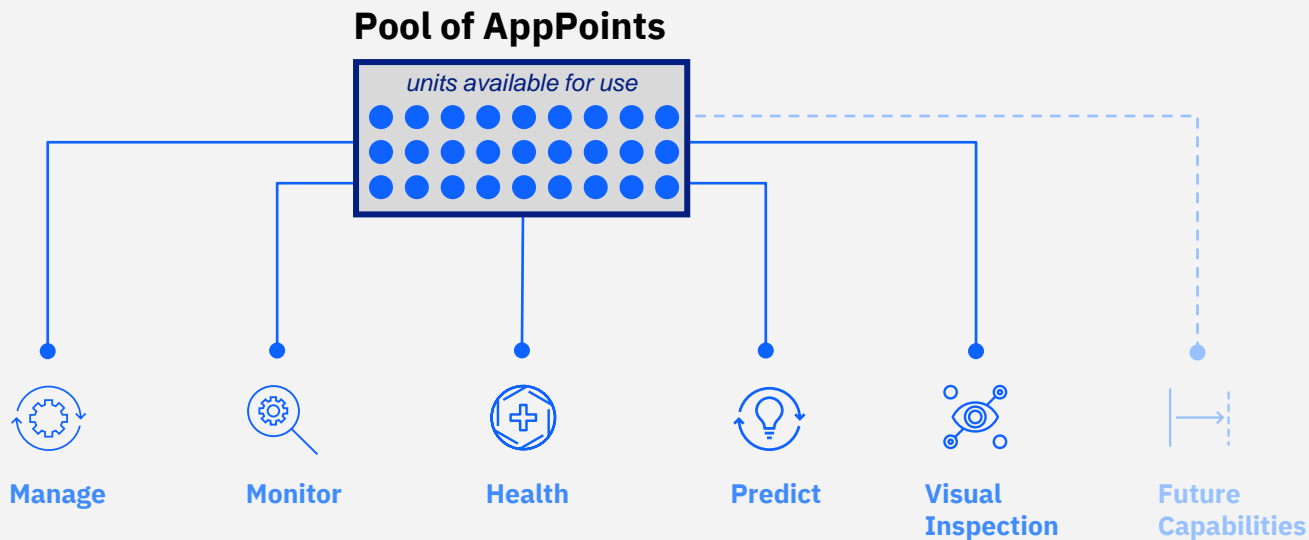# Calculators and Licensing

1. Single license

One entitlement to entire Suite

2. Flexible consumption

Sharing of license through concurrent users

3. Simplified usage

Access applications without additional provisioning

Simplified Licensing and Usage

Pool of AppPoints

units available for use

Manage　　Monitor　　Health　　Predict　　Visual Inspection　　Future Capabilities

Two deployment options for maximum flexibility

With single entitlement to all applications
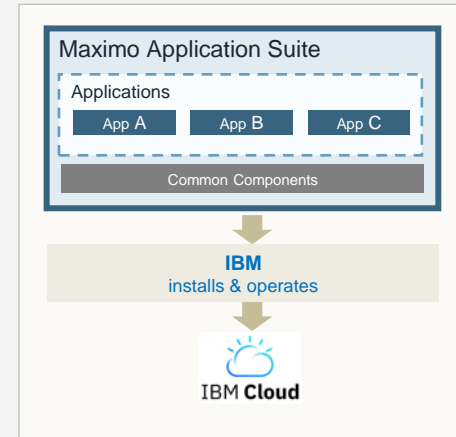*available via Committed Term Licenses*

Managed by You

1. Purchase software only

2. Host it in the cloud or environment of your choice
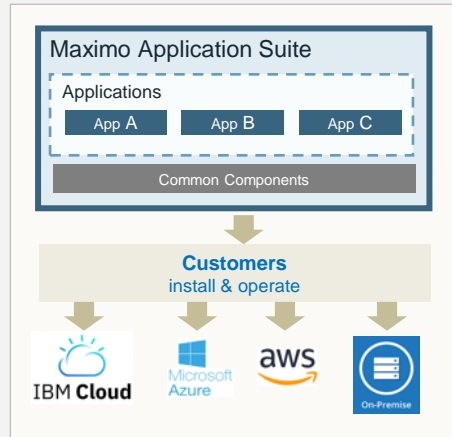
Managed by IBM

1. Purchase software and hosting fees

2. Let IBM's trusted team take care of hosting for you

Managed Service on IBM Cloud

Let IBM's trusted team manage your Application Suite

High Availability

High Throughput

Multiple Time Zones

Expert Team

Application Expertise

Business Value from using an Integrated Suite

Catch Failures Sooner and Prevent Failures

Decrease Unplanned Downtime

50%

Reduce Preventative Maintenance Costs

Labor costs savings by auto-detection of asset condition

60%

Increase Efficiency of Repair

Increase first-time fix rate and improve technician productivity

20%

Improve Production Efficiency

Increase Revenue

By Millions

Maximo Application Suite

Accelerate your transformation journey
while lowering total cost of ownership

Improved usability
with a unified look
and feel

Single entitlement
across the suite

Ease of
implementation with
OpenShift containers

Provides industry-
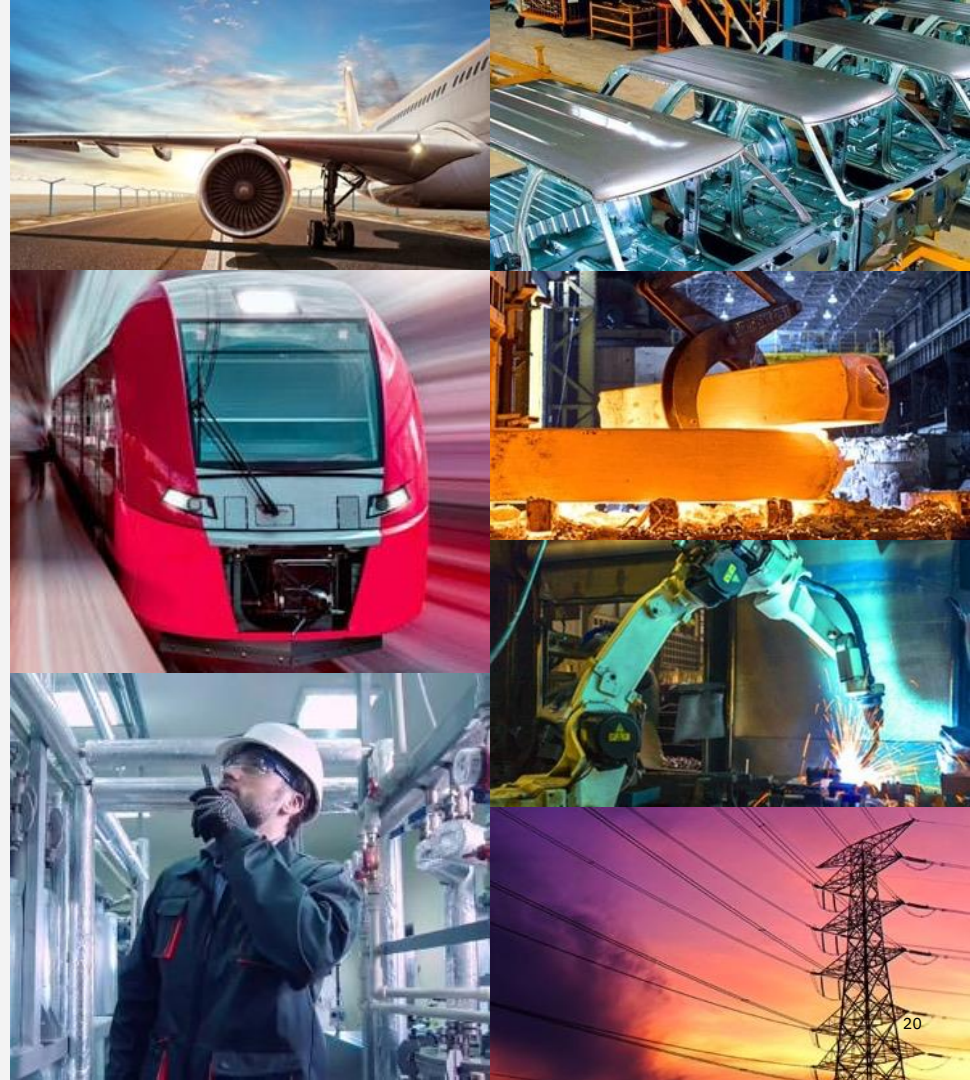leading capabilities
and functionalities

Moving Forward

ROI Analysis

Get started

Deploy at scale

IBM **Maximo**