

Maximo Wednesday Webinar

APM: Eliminate risk in your enterprise with AI- driven insights

Michael Desabris - Maximo APM Product Manager
John Douglas— Senior Product Manager, Maximo Predict

IBM

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



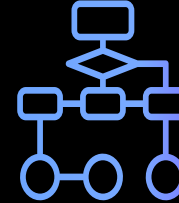
Smart Equipment is “connected” and in some cases can alert or predict its own failures



Legacy Equipment
The cost and complexity of adding sensors to equipment has dropped.
“Its now easy to do”



Stand Alone EAM solutions need to be “connected” *and* provide advanced digital capabilities



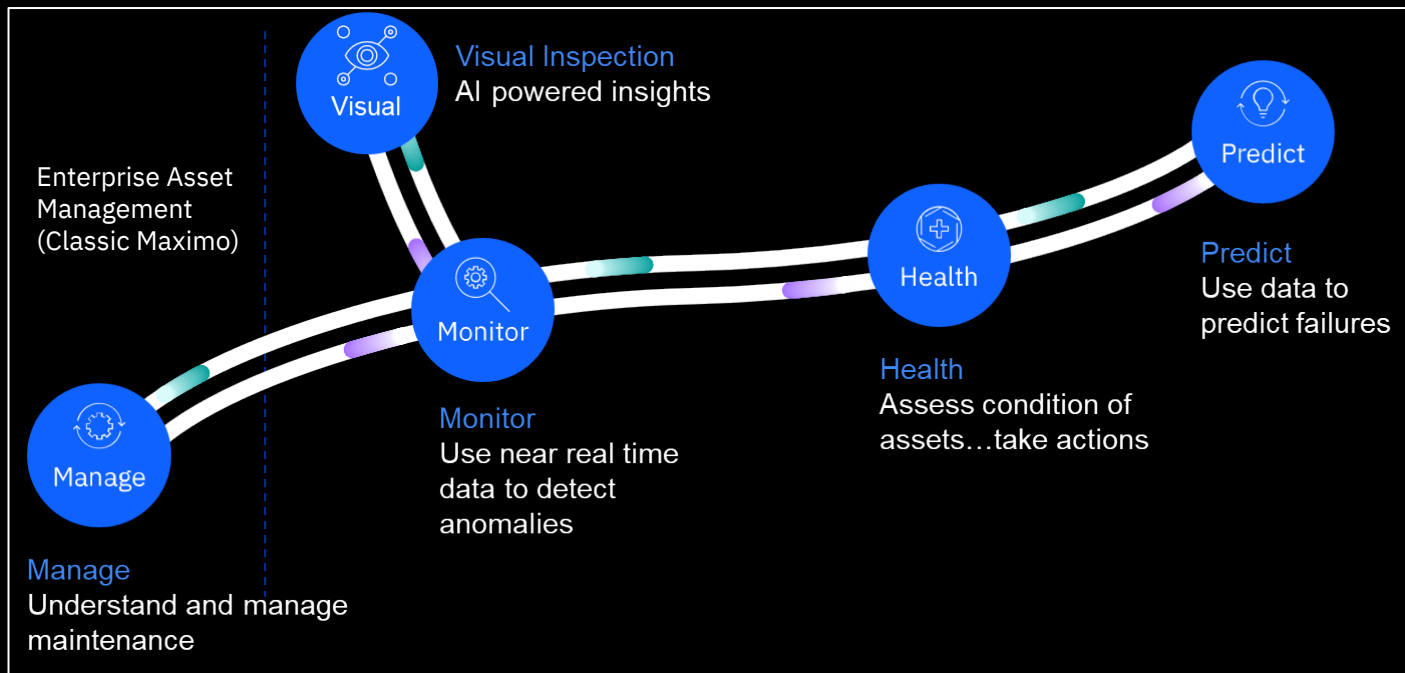
To advance in the digital age there is a need to contextualize (combine):
OT (PLC) data, IOT (Sensors) data with IT (Maintenance & Reliability) data to gain better insights and drive results

The underlying solution must change

Maximo Has Evolved

The
**operating
model** in
asset
intensive
industries is
changing has
changed...

Maximo Application Suite – “MAS”



Maximo Application Suite “MAS”

Easy to access and run on prem or in cloud of choice

Simplified Licensing
and Usage

“App Points”

- Single License covers all of MAS
- Flexible consumption based on active user types

Multi-Cloud, Edge,
on prem ... Flexible
Deployment Models



Manage

Intelligent asset
management



Monitor

Monitor and
detect anomalies



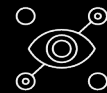
Health

Assess Condition
of Assets and
Take Action



Predict

Predict failures
earlier



Visual Inspection

AI-Powered
insights



Scheduler

Schedule work
and resources



Mobile

Technician work
execution



Assist

Prescriptive
Technician assistance



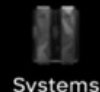
Safety

Actionable insights
for safety

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



Infrastructure Independent
Common Operating Environment



Maximo Health

Business Value

- Reduce fleetwide operational risk by focusing on the right assets
- Increase asset availability
- Reduce unnecessary preventive maintenance
- Reduce time making capital replacement planning decisions



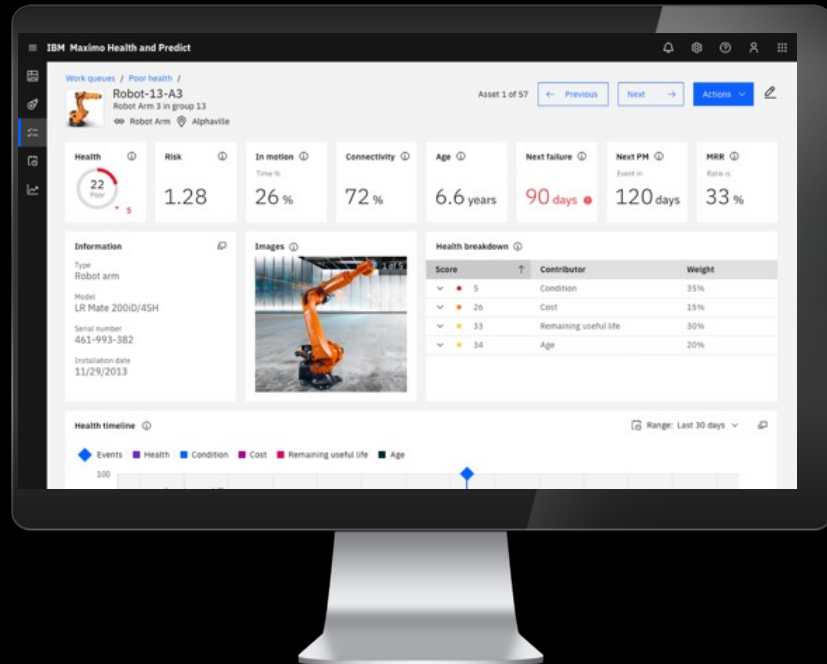
Application

- Consolidated global view of assets
- Health visibility and analysis
- Condition based actions
- Replacement planning



Capabilities

- Dashboard with cards, map view, spreadsheet view
- Fleet-wide view and health drilldown
- Health-based notifications and actions
- Flexible health scoring by asset type or groups
- Sensor data integration
- Refurbish / replace prioritization



Maximo Predict

Business Value



- Reduced failures
- Reduced maintenance costs
- Improved asset utilization
- Extended life of asset
- Increased production output

Application

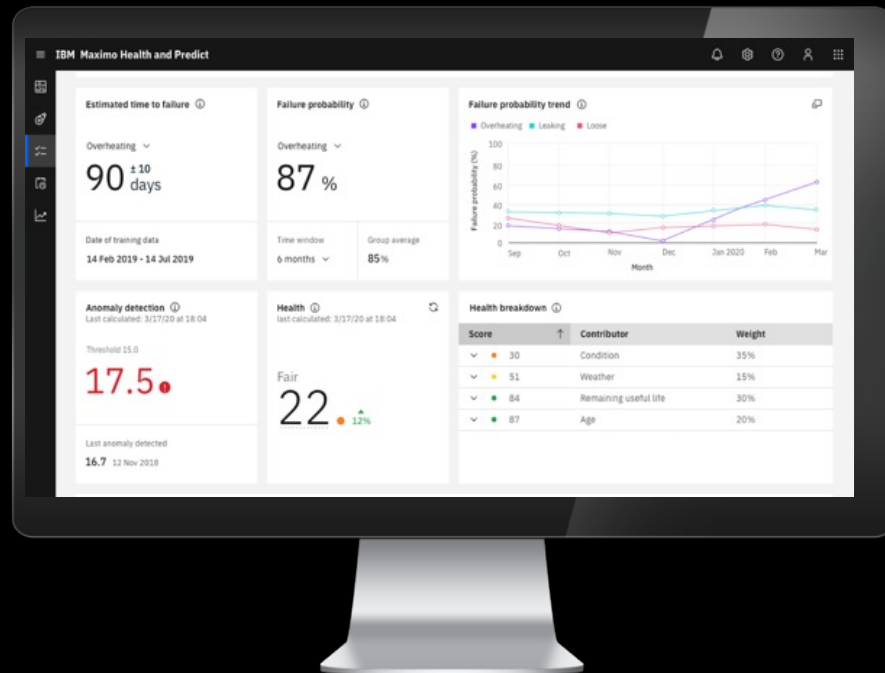


- Build asset failure models
- Predict failures
- Determine factors that contribute to failure
- Score models with current sensor data

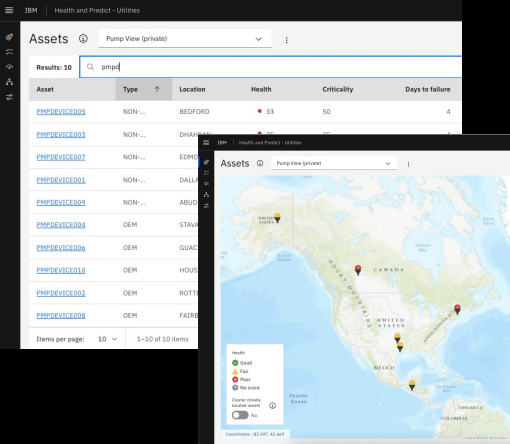
Capabilities



- Templates provided to build five common predictive models
- View pre-built visualizations for the five common models
- Score predictive models using Watson Machine Language
- Use model scores to assess asset health



Health and Predict make it easy to identify, investigate and take action on assets at risk



Enterprise views of assets in a grid or map

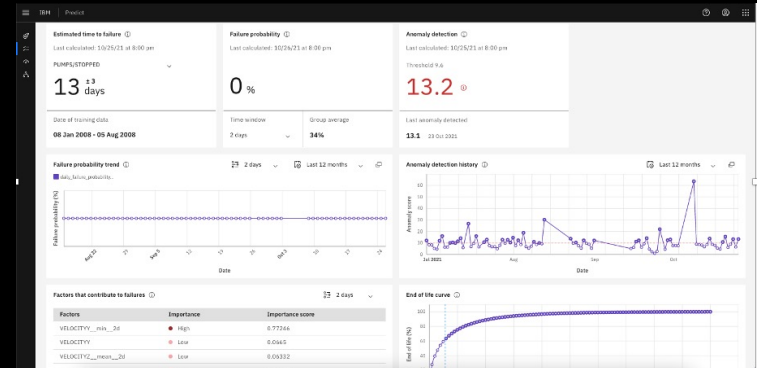
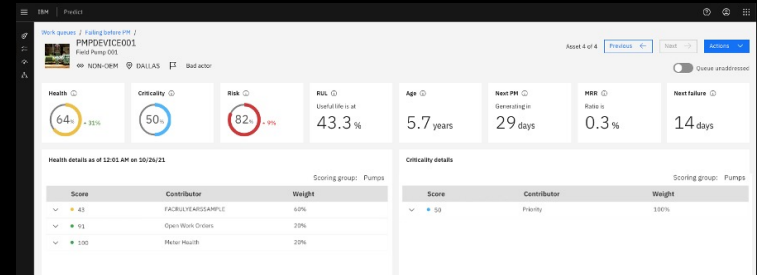
Prebuilt “work queues” designed to help identify assets at risk

IBM | Health and Predict - Utilities

Work queues

Queue	Queue priority ↑	Remaining assets	Go to
Low health	1	3,387	Open first asset
High probability of failure	1	0	Open first asset
Failing before PM	1	4	Open first asset
Missing expected life	2	14,665	Open first asset
Missing installation date	2	592	Open first asset
Missing replacement cost	2	13,966	Open first asset
Missing criticality score	2	1,794	Open first asset

Items per page: 10 | 1-7 of 7 items



All asset details in one page from which you can take an action

Easy Integration

Real Time data from low cost add-on sensors



Real time filtered data from automation systems



Historical sensor and weather data

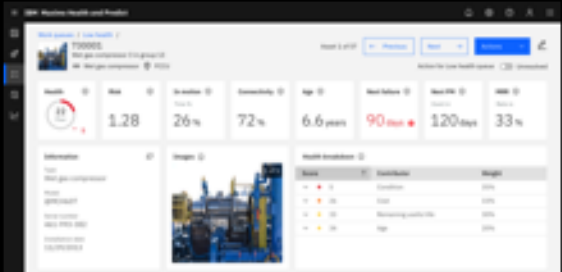


Manage / EAM

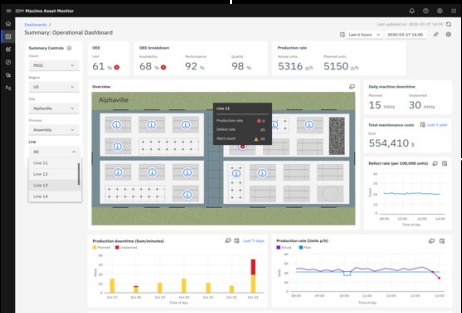


AppConnect

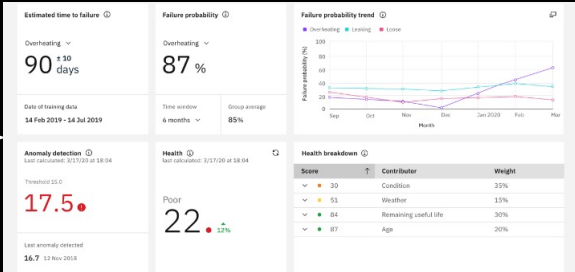
Health



Monitor



Predict



Watson Studio & ML



Demo

What's Next?

The presentation will be provided to you along with additional info by email in the next couple days

Talk to your sales leader, Maximo rep, or Business Partner

Maximo Application Suite demo environment (Available to Business Partners only)

- Request access [here](#)

Contact Information

Michael Desabris – Maximo APM Product Manager; Michael.Desabris@ibm.com

John H. Douglas– Senior Product Manager, Maximo Predict; jhdoug@us.ibm.com

Valerie Gooch – Maximo Business Development Manager; valerieg@us.ibm.com

Questions

