Where you are and what it means

Building **APM Momentum** means that you have recognized the need to make data-driven decisions for your organization. You know you can do this using the wealth of information you are collecting around your assets and operations. You also know that your organization can better utilize data, IoT and analytics to inform maintenance decisions, reduce risks associated with failure, and develop more effective refurbishment and replacement plans. You’re doing everything right to ensure a successful future for your organization!

Now imagine if that large volume of data was combined with historical insights, weather patterns, and human observations to provide a real-time asset health assessment? This insight is tremendously valuable. But you need the right tools to do it. This is where APM comes in with the tools you need to maintain a competitive advantage, reduce maintenance costs and increase asset uptime.

What’s next in your journey?

**Protecting your most critical assets with predictive maintenance**

Do you have the time to sift through data and tools manually for hours to understand asset health? Didn’t think so. The good news is that a view of your most critical assets instantly in real-time is possible. By setting parameters for your assets around cost, condition, lifespan, and weather patterns, you can quickly understand which ones need immediate attention – and where the issue is stemming from. This means more time focusing on your strategy and less time manually building data sets.

43% of organizations are increasing IoT spending in 2019 to improve asset uptime and reliability.

Source: 451 Research, Voice of the Enterprise IoT Readout
Define your objectives
Understand where you are and where you want to be. Documenting current status against your goals will help to lay out your action plan.

Think about questions such as:
- Map out your biggest pain points and what information you need to address them
- List out your key performance indicators (KPI’s)
- List the tools you are using for analytics and their primary purpose

Think big but start small. Whether you’re on the path to a large scale transformation your enterprise or looking for ways to reap immediate operational benefits, start by identifying your most critical assets. This can help prioritize focus and maintenance efforts.

Allow for change management. At the end of the day, you are dealing with people. You can have the most brilliant systems that nobody will accept if you don’t help them understand the benefit to them. IBM can help showcase the value of investing in IoT and analytics with your organization.

Understand your data
Document what data you are capturing today. Understand how it is being used and how it is being gathered.

Become a consumer of your data. Determine what data you need to hit your KPIs. Don’t waste time on seeking out and reviewing unnecessary data.

Get the data you need. Sometimes quantity of data can make up for quality when you’re first getting started. Look for instances where you have been collecting data for long periods of time.

Build your path
Identify your stakeholders. Operational Technology and Information Technology teams should work closely together. You will also need input from finance and other areas of the business to ensure alignment. Often working with a 3rd party to facilitate this process of relationship mapping is helpful to get the best view of how other organizations of similar size and project scope have handled it.

Identify where the project fits in your roadmap of projects.
- Map this project to your budget cycles
- Confirm you have available implementation resources

Make an action plan. Ensure it is detailed and meaningful. Break into activities, sequencing, and resources required. Approval will be difficult without it.

Iterate quickly. Be willing to be agile in your approach to change. If something is not working, revisit it to adjust and experiment.

Other considerations

What are your peers doing?
- Understand industry best practices
- Identify key learnings for your organization to experiment with

Is your unstructured data an untapped gold mine? You may be closer than you think to reap insights. Look for gold nuggets in data you may have already been collecting, then use it to create a vision for the future.
Learn more about predictive maintenance
If you’re looking to stretch your maintenance dollars further, and keep your critical machines running smooth, it’s time to start thinking about predictive maintenance.

Learn more

Understand the Maximo APM Asset Health Insights solution
Read this two-page brief to see how this solution is helping organizations get a true view of asset health.

Read the brief

IBM Maximo APM Asset Health Insights Demo
Watch this demo to see how this solution helps you understand health, risk, criticality, and effective age of your assets.

Watch the demo

Client story
GM integrates predictive maintenance with EAM to reduce costs and improve uptime
GM spends over $1 billion on maintenance annually and $7 billion on capital improvements. By moving to a single instance of IBM Maximo, the company can now share its best practices for maintenance across 140 production sites globally. The company is also adding IBM Maximo APM Asset Health Insights to support broad adoption of predictive maintenance. Together, these applications will reduce both maintenance costs and unplanned downtime.

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