

IBM Maximo Production Optimization

Highlights

- Helps prevent production losses and achieve throughput
 - Analyze the root causes and test alternative scenarios
 - Reduces energy costs up to 15%
 - Prescribe the best actions to solve the issue
 - Unlocks insights hidden in your plant floor data
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Predict and pinpoint production losses using artificial intelligence

Manufacturing and production companies are constantly facing pressure to innovate. But as this pressure mounts, traditional methods of improving productivity are becoming exhausted. A recent [McKinsey report](#) puts the cost of industry-wide manufacturing losses and waste at an astonishing \$5 trillion.

What is the answer? Many are looking to new Industry 4.0 solutions driven by artificial intelligence. These solutions have the ability to bring powerful insights to operations leaders to help pinpoint production loss and prescribe the best action to maximize performance.

[IBM Maximo Production Optimization](#) derives insights from plant floor data to maximize the performance of manufacturing plants. It uses artificial intelligence to continuously learn from data generated by plant equipment and processes. It uses this data to identify areas of loss, predict inefficiencies, and advise the operators on the right actions that would maximize throughput while reducing cost and waste. This solution surfaces previously hidden relationships and potential for improvements that could save millions of dollars each year.

The solution is built to be versatile – enabling data scientists and process engineers to customize the pre-built analytics for specific assets. They can also change the KPIs to maintain optimal conditions for efficiency. What's more, there's the added benefit of a cloud-based infrastructure and faster return-on-investment.

Achieve throughput potential

By gaining visibility into potential issues around asset availability, product quality and operational performance, organizations can take proactive action that prevents production losses and achieves throughput.

Analyze process inefficiencies

Compare process variables and predictions to determine the probable causes that adversely impact throughput, cost and quality.

Reduce cost year after year

Consistently reduce energy costs from less than 1% to 15% based on the level of variances the plant experiences.

Optimize maintenance plans

Analyze equipment data and maintenance records to predict equipment failure and recommend optimal repair time.

Why IBM?

IBM delivers some key features such as:

- Software-as-a-service deployment model
- Fast deployment with pre-built analytic models and templates
- Out-of-the-box integration
- Integration with Maximo and other EAM solutions
- Decades of industry expertise

Next steps

→ [Visit the IBM Marketplace](#)

For more information

To learn more about IBM Maximo Production Optimization please contact your IBM representative or IBM Business Partner, or visit the following website:
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