



PREDICT FUTURE ASSET PERFORMANCE WITH IBM MAXIMO AND BUSINESS ANALYTICS

SOLUTION SHEET

In Summary

Certus can create solutions which allow organisations to integrate asset management and business intelligence functionality to boost uptime, performance and productivity while lowering maintenance costs. These solutions provide insights into the future operational behaviour of assets, allowing for proactive employment of risk mitigation tactics to avoid future asset failure and the associated revenue loss.

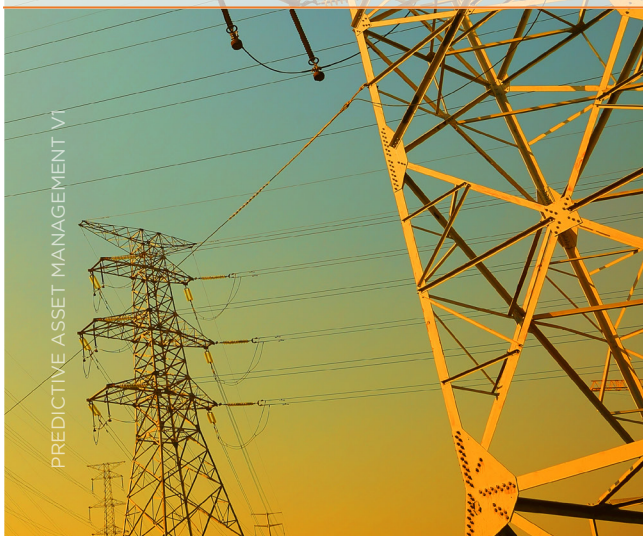
Optimising asset performance is crucial to the cost effective and efficient operation of all asset-intensive organisations.

Disciplined maintenance procedures help to achieve this goal, but the key to unlocking real productivity improvements is in predicting how an asset operates over its entire lifecycle.

Benefits of predictive analytics

Data integration between IBM Maximo and IBM Business Analytics solutions provides improved visibility into asset operation with the following key benefits:

- Optimised maintenance planning and execution
- Reduction in unscheduled maintenance
- Less asset downtime
- Improved root-cause analysis
- Enhanced data visibility
- Increased accuracy in long-term forecasting
- Lower instances of asset related injury



Why Certus?

Certus provides a single point of contact to design, implement and support an integrated asset optimisation solution necessary to execute predictive maintenance. We combine award winning expertise and implementation experience in the leading enterprise asset management system, IBM Maximo, and IBM's Business Analytics solutions – IBM Cognos, TM1 and SPSS.

By using these powerful and complementary IBM software suites, we can provide a consistent and comprehensive approach to managing all asset types. This allows organisations to maintain proactive day-to-day maintenance, but more importantly, use operational data to better predict future events, undertake 'what if' scenario analysis and act upon that insight to drive better business outcomes.



Active report analysis



Insight into cost elements

“We have known that reactive maintenance can cost five times the equivalent planned activity. Now analytics can help us to power processes that do something about it.”

Maarten van der Zeyden,

General Manager Asset Solutions, Certus Solutions

Solution applications

Our thorough technical knowledge of the Maximo product enables us to make use of Maximo's extensive data repositories. By accessing this rich resource of maintenance data and linking it to IBM's sophisticated business analytics solutions, Certus can help organisations accomplish a range of business analysis activities. With integrated and secure data Certus can provide:

- Maximo data extraction and integration options
- Information analysis and presentation templates
- Corporate dashboards
- Forward planning and predictive analysis

A Certus predictive maintenance solution delivers asset maintenance data in a format best suited to operational insight and day-to-day performance monitoring. We can provide:

- Metrics to quickly show trends, spikes and anomalies
- Reports with tables, charts, graphs and dashboards; output to screens, paper and/or mobile devices
- Integration with existing Microsoft tools such as Excel or PowerPoint
- Scenario modeling for better 'what if' analysis



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