

## Mtelligence delivers state-of-the-art Condition Based Maintenance

During this period Mtelligence invested heavily in an open standards based solution that would enable manufacturers to leverage their existing investments in operations & maintenance. In 2006 Mtelligence launched the industry's first system-agnostic MIMOSA-based interoperability platform, supporting advanced condition based maintenance (CBM) as well as optimized production planning, leveraging the health of production assets to make better informed utilization decisions.

Forward thinking manufacturers are now making a strategic shift from reactive to proactive asset management. This shift is driven by the principle that unplanned downtime, (resulting from the break/fix approach), is more costly than early detection, corrective action, and planned intervention. Mtelligence has invested in constant research, development, and testing for asset management system integration. The company has become an industry thought leader in applying the MIMOSA standard to bridge the gap between Operations & Maintenance (O&M) for process and manufacturing industries.

Mtelligence has committed to bringing you the best solution for Condition Based Maintenance on the market. Don't settle for proprietary, point-to-point connectors when Mtelligence delivers the most comprehensive open standards platform, with MIMOSA and OPC compliant adapters for all the leading asset management and plant floor systems on the market. The Mtelligence solution ensures you will leverage and augment all your existing investments in plant floor condition monitoring, process control, and asset management systems.

The core Mtelligence offering is the MIMOSA Interop Server (MIS), which bridges the gap between operations and maintenance, helping process manufacturers perform advanced condition based maintenance as well as optimized production planning. The real-time information provided by MIS delivers significant improvements in uptime, reliability, and efficiency while eliminating unnecessary maintenance and reduces unplanned downtime, which leads to increased profits and more efficient allocation of financial and human resources.

Mtelligence technology is based on the OpenO&M? Initiative (standards including MIMOSA, OPC, and ISA 95) that specifies how condition monitoring and asset health systems interact with enterprise asset management (EAM) systems, including SAP plant maintenance, Maximo, Indus, and Datastream. OpenO&M Initiative standards ensure consistency across interfaces, protects customers from upgrade and migration risks that affect proprietary connectivity solutions, and allows customers to leverage existing investments in operations and maintenance infrastructure. Plug-and-play compatibility is a significant advantage in today's heterogeneous manufacturing environments and has propelled the rapid adoption of OpenO&M Initiative-based applications from manufacturers that want to achieve greater plant-to-business integration.

Mtelligence software enables start of the art [Condition Based Maintenance](#), applying the [MIMOSA open standard](#) to bridge the gap between operations and maintenance, connecting plant floor systems to EAM/CMMS systems." - David S. Brooks

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### About the Author

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