

MIMTIS - MACHINE-TO-MACHINE (M2M) PLATFORM
 REMOTE MONITORING AND CONTROL FOR SMARTER
 ASSET OPERATIONS AND CUSTOMER SERVICE

Hardware independent. Universally accessible information. The ability to transform your business through smarter assets and services. That's what makes MIMTIS M2M platform unique.

For companies who need to increase operational and customer service efficiency, MIMTIS is a machine-to-machine (M2M) enterprise software suite that allows you and your enterprise applications to stay connected to your remote assets, easily and reliably, transforming them into smart assets.

Hardware independent

MIMTIS design allows easy addition and upgradation of hardware. It's device drivers let the application communicate with any hardware device. Users can easily add a new hardware or remove a faulty one with minimal downtime. It comes with a pre-supported list of hardware adapters and support for new hardware can be provided on request. MIMTIS supports a wide variety of DAQ, PLC, sensors, gateways and communication devices.

Universally accessible information

MIMTIS is accessible through a web browser, without any installation on the user's desktop. It acquires data from assets around the world—provides it to co-workers, customers, partners and vendors— for immediate collaboration and action. The data is processed as per pre-defined alarm or business rules and in case of alarm condition alerts are sent via email and SMS to users. It comes with a fully loaded web HMI that facilitates user interaction with the system remotely.

Transforming businesses

MIMTIS enables your products and equipments to continuously communicate information to users and enterprise applications - companies can use this information to reduce maintenance and operation costs, create new revenue opportunities, and provide smart services to customers.

Make assets operate efficiently and reduce costs

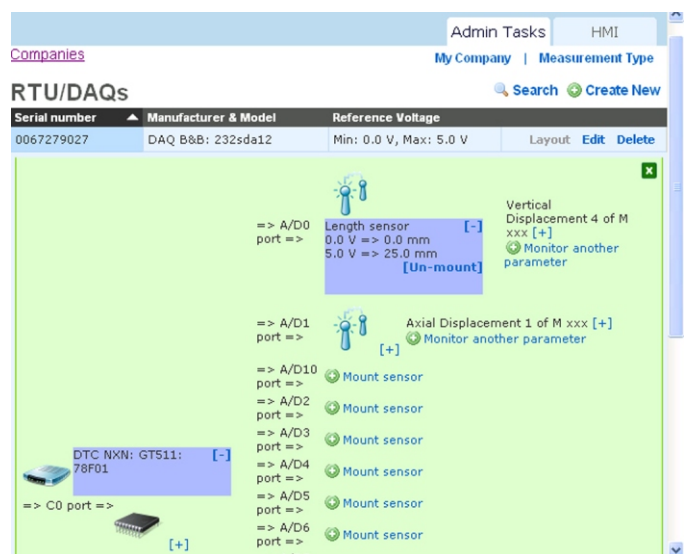
Machinery and equipment are important assets for every organization. MIMTIS allows efficient maintenance and operation of these assets through remote monitoring and control. Users can quickly implement monitoring and control solutions by physically integrating hardware (like a PLC with a wireless modem) and replicating it in MIMTIS. The alarm and event rule engine can then be used to automate response or alert field users via SMS or email for quick action. An intuitive interface and interactive tools further help in the remote monitoring and control.

MIMTIS for remote monitoring and control

Smart field devices in industrial automation are presently not being fully tapped for their potential of making available information to the operators as well as management. MIMTIS makes this possible using industry standard bus protocols such as Devicenet, ControlNet, Modbus etc. It also provides an option to communicate with these field bus protocols using industrial interfaces like OPC and SNMP. This provides bi-directional communication between the equipment and control room for remote monitoring, control and automation.

Benefits

- Saves cost by remotely automating, optimizing and controlling assets
- Allows faster response time to handle critical conditions
- Makes operations safer - Identifies and avoids hazards by continuous monitoring and control
- Optimized equipment performance - remotely upgrade and troubleshoot assets
- Provides asset data to ERP applications leading to better planning
- Supports wide range of devices - single application for managing multiple assets
- Conforms to standards - provides faster implementation
- Extensibility - can add support for new applications easily
- Allows wireless communication— minimally invasive setup, lay less cables
- Customizable user interface to manage multiple assets and users
- Customizable as per industry wise application
- Interoperability with other competing applications

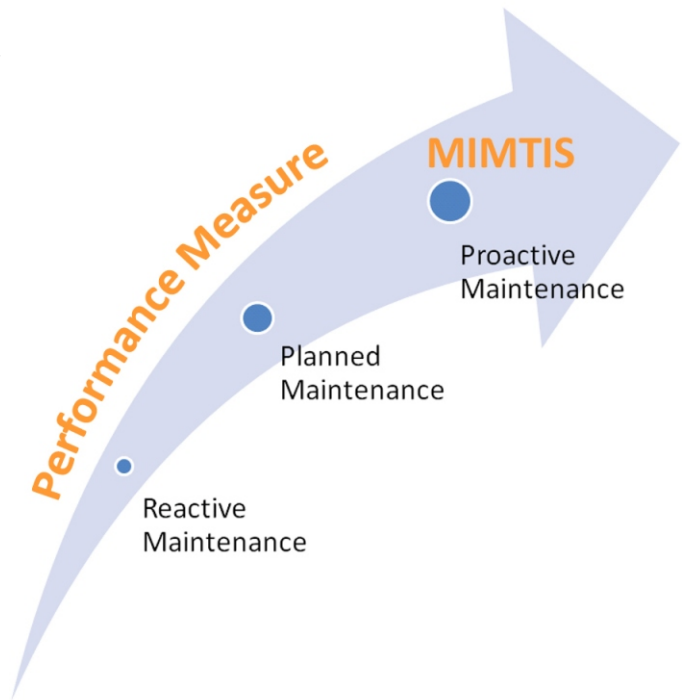


MIMITIS for condition monitoring and predictive maintenance

MIMITIS based condition monitoring helps keep your assets running profitably by detecting potential equipment failures. Its remote data acquisition technology, coupled with risk analysis engine, provides early indication of a developing fault. This allows maintenance to be scheduled and corrective action to be taken to avoid consequences of the failure. The risk of failure is estimated using alarm rules and detection of deviation from a reference value or threshold (e.g. temperature or vibration behavior).

Benefits

- Reduces downtime cost through predictive maintenance
- Improves equipment reliability through the effective prediction of equipment failures
- Maximizes component life by avoiding the conditions that reduce equipment life
- Maximizes equipment performance and throughput
- Minimizes overall condition monitoring costs through online monitoring
- Replaces manual monitoring techniques with more scientific methods
- Prevents damage to connected equipment
- Protects critical assets and reduces maintenance overtime and spare parts expenditure
- Provides data analysis, representation and customizable event reporting
- Enables company wide distribution of information
- Alerts about critical conditions to field staff via SMS



Explore new revenue opportunities through smarter services

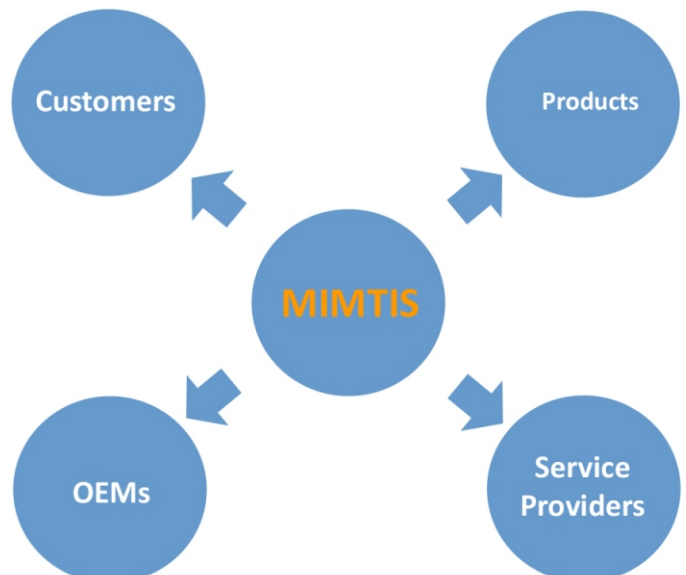
For today's demanding customers, OEMs and service providers can exploit MIMITIS to provide value-added or smart services. It allows every networked product to communicate with its manufacturer, service providers and customers creating a revenue opportunity through service business. Early adopters of MIMITIS can create service differential that provides competitive advantage.

MIMITIS for smart after sales service and life cycle opportunities

With MIMITIS manufacturers and service providers can now know the product condition, availability of consumables and other lifecycle issues. This information can then be used throughout an organization for sales and marketing efforts, product development, and customer service. With MIMITIS remote diagnostics, your support engineers and service technicians can diagnose problems, prescribe a solution, or dispatch a technician with the solution. The payoff can be astounding, because you can minimize warranty and service costs, while you give your customers smartest service in the industry.

Benefits

- Provides revenue opportunity through service charge for enhanced customer experience
- Facilitates e-sales and automatic replenishment of spares and consumables
- Delivers effective, online international product support
- Schedules and prioritizes customer support calls efficiently
- Enables targeted marketing on usage of assets
- Allows Integration with CRM, e-sales and customer portal
- Demonstrates technological leadership over your competitors
- Improves co-ordination between business processes
- Provides data for business analytics and reporting



Hosted or installable version

Small and medium businesses benefit by using MIMTIS as a paid service (SAAS) and not having to worry about the infrastructure. Periodic updates and new features are available without any additional cost or effort. Local hosting is preferred by large organizations who find it economical to use their own infrastructure. MIMTIS is provided pre-installed and configured as a physical server or can be installed on your existing server through virtualization.

Built on open standards

MIMTIS is built using a mix of open source and proprietary tools. We've ensured that the tools used by us follow open standards and we extend the same benefit to our customers. All the data on MIMTIS is owned by the customer and can be downloaded. Open standards enable our customers to integrate various systems and build or request customization utilizing MIMTIS.

Wired & wireless technology

MIMTIS offers both wired and wireless communication across various monitoring devices. In a typical scenario, wireless tends to be cheaper and easier to maintain instead of laying new communication lines. On the other hand, using existing communication network is also feasible.

Assured quality through TDD

Our passion for quality is reflected in our choice of processes. Test Driven Development (TDD) ensures quality by continuously and automatically keeping the application in a running state. These tests are run after every subsequent modification to the application, ensuring that it works as intended.

Evaluate MIMTIS

To request a MIMTIS pilot please visit www.masplantiz.com/submit-query

For more information

For more details about MIMTIS, visit www.masplantiz.com/products/mimtis



Masplantiz Technologies Pvt. Ltd.

M-12 Old DLF, Sector 14

Gurgaon - 122001

India

T: +91-124-4268991, 2220097

F: +91-124-4268992

E: info@masplantiz.com

www.masplantiz.com

Solutions delivered by MIMTIS

MIMTIS provides a device networking and communication backbone in a distributed environment. It can connect and remotely gather data from any analog or digital device. MIMTIS is a highly customizable platform that can be used in various industry verticals to deliver effective solutions like:

- Power and Distribution Transformer Monitoring
- Transformer Shipment Monitoring
- Building Management Systems
- Wind Turbine Generator Monitoring
- Industrial Automation and Control
- Machine Condition Monitoring
- Automated Meter Reading
- Pipeline Monitoring
- HVAC and Cold Storage
- Environment Monitoring
- Power Distribution Monitoring and Control
- Point of Sale Monitoring

Features provided in this brochure may change without notice. Please verify features for your version with your sales executive.

© 2009 Masplantiz Technologies Private Limited. All rights reserved.