



Reduce the risk of unplanned downtime in rotating equipment

EcoStruxure™ Service Plan for Rotating Equipment

Rotating Equipment, with electric motors as the prime mover, are an integral and often critical, element of Industrial operations. Thus, maximizing their availability and lifespan, can have a significant impact on the profitability of your manufacturing operation.

EcoStruxure Service Plan for Rotating Equipment addresses your needs around:

- Reduction of unplanned downtime, through robust and holistic prediction of failures regardless of equipment accessibility.
- Optimizing maintenance activities for this equipment through more targeted actions, planned in advance.
- Maintaining a fleet of diverse drivetrains with limited expertise and resources at your disposal

The plan combines the power of AI-based analytics with proactive services to help reduce unplanned downtime and optimize asset life.

Further, it integrates seamlessly with our EcoStruxure Service Plans for upstream electrical equipment to provide system level insights.

Our solution utilizes easy to install sensors that work with any motor to provide data to the application. Powerful AI algorithms help pinpoint potential issues long before they can cause problems.



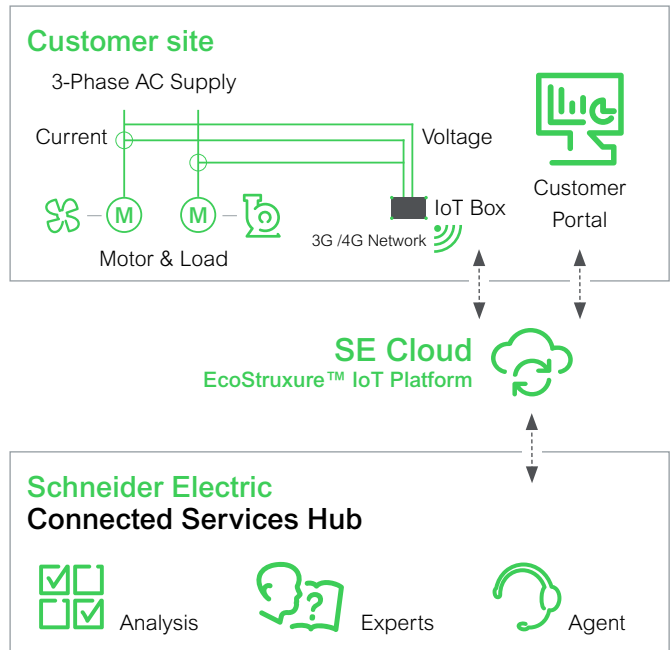
Learn how one customer is earning value from EcoStruxure service plan for Rotating Equipment.

Key Benefits

- **Predictive maintenance** helps improve asset reliability, avoid unplanned downtime, and reduce maintenance costs
- **Easy installation** on any equipment driven by motors and powered by Variable Frequency Drives or starters
- **Wider coverage** of faults detected- electrical, mechanical and process issues
- **Integrated monitoring** of electrical energy
- **Proactive reports** and recommendations keep you informed of asset condition
- **Better Insights** thanks to system level and fleet-wide views
- **Avoid unplanned downtime** through targeted actions to remediate potential issues

How it works

1. 24 X 7 acquisition of motor current and voltage data, easily setup with minimal disruption.
2. Loss-less transmission of data to EcoStruxure IoT Platform, over a secure 3G / 4G connection.
3. Analytics, including Motor Current Signature Analysis (MCSA), to detect and generate alerts on variations from the normal baseline.
4. Expert review of alerts, with validated ones leading to an asset event notification and report, with likely causes and action recommendations.
5. Quarterly reports comprising of health scores, analysis and recommendations, along with briefing, for maintenance planning.



Supported Rotating Equipment:

Suitable for rotating equipment, located in normal or harsh environments and driven by 3 phase motors such as:

- Pumps (centrifugal, lobe, roots, screw)
- Fans
- Compressors (centrifugal, axial)
- Conveyors, rollers
- Mixers, agitators
- Grinders, mills, crushers

Note: For all other AC Motor based applications, or generators, please consult Schneider Electric

Contact your Schneider Electric representative to learn how EcoStruxure service plan for Rotating Equipment can help protect your operation.

Features of the service:

Backed by a global network of experts, features of the EcoStruxure Service Plan for Rotating Equipment include:

- Remote Technical Assistance
- Access to EcoStruxure IoT Platform
- Continuous Asset Monitoring and Alarming
- Quarterly and Annual Report
- Asset Event Report
- Annual Asset Consultation Call

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