

Manage, maintain and maximise your assets
Installed Condition Monitoring with ERIKS Asset Guard

know-how makes the difference

ERIKS

WATCH AND LEARN

Monitoring your critical assets to learn about their condition, behaviour and performance is one of the most cost-effective ways to minimise downtime, maximise uptime, and reduce repair and maintenance costs.

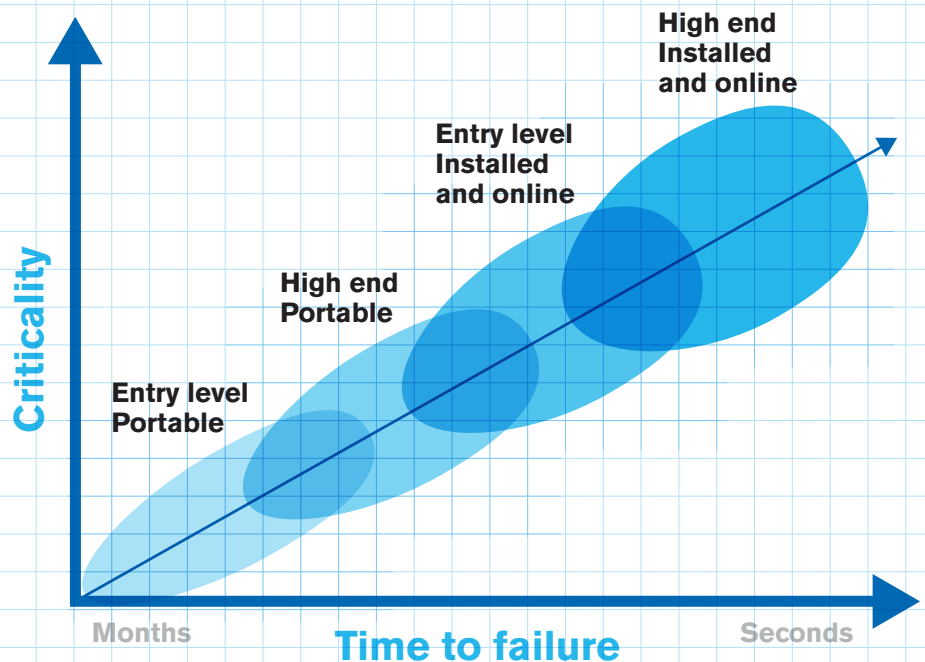
Using a broad range of sensors, you can be made aware of potential problems before they can affect your plant, its performance or its productivity. So wherever you are, at any time – day or night – you can take proactive steps to avoid catastrophic failure. And the system can even take the necessary action to protect your asset.

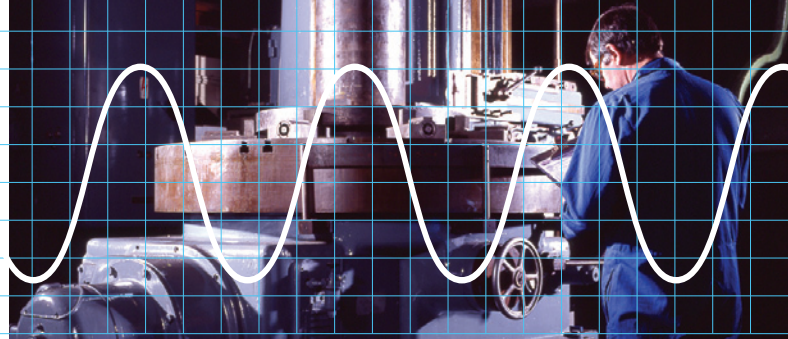


Reading the signs

ERIKS' comprehensive system knowledge means we know how machines fail. So we also know how to design the most effective systems to protect customers' vital assets. Our expertise means we:

- know what and where to monitor for the most effective early-warning of failure
- use the correct predictive algorithms to provide exactly the right level of warning and protection
- can interpret the data gathered for the most complete insight into your assets and their efficient operation.

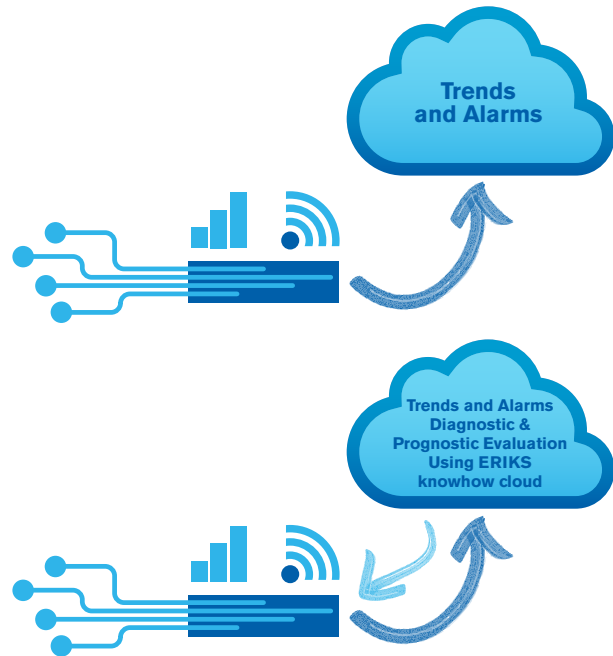




CHOOSE YOUR LEVEL OF CARE

ERIKS Asset Guard installed condition monitoring Systems are available in two versions, each handling 4, 6, or 8 channels/sensors as standard, but is fully extendable depending on application:

- ERIKS Asset Guard System
- ERIKS Asset Guard Plus using the ERIKS Know-how Cloud



ERIKS Asset Guard System

- Time-based readings
- Warning if pre-set parameter exceeded
- Text or email warnings

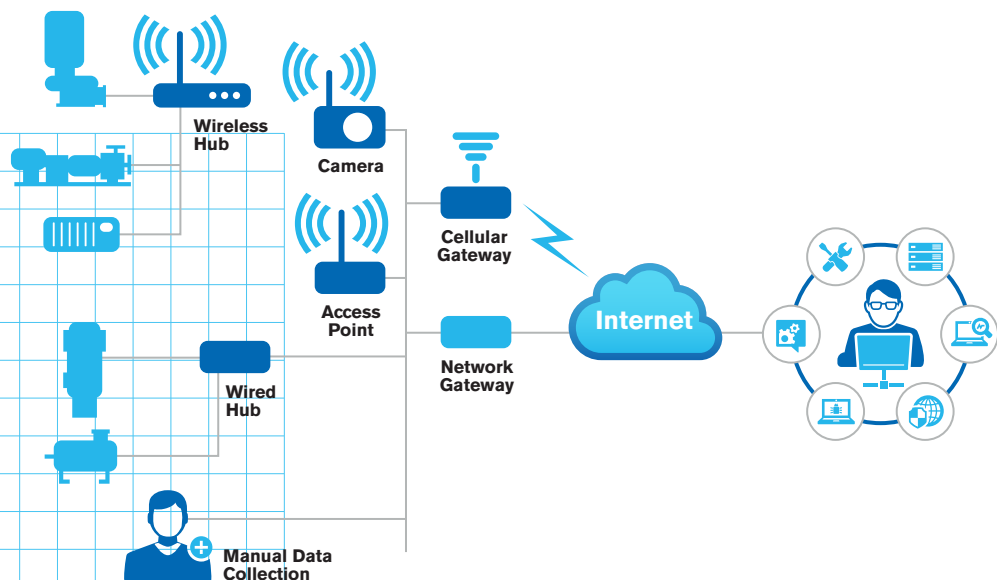
Easy installation

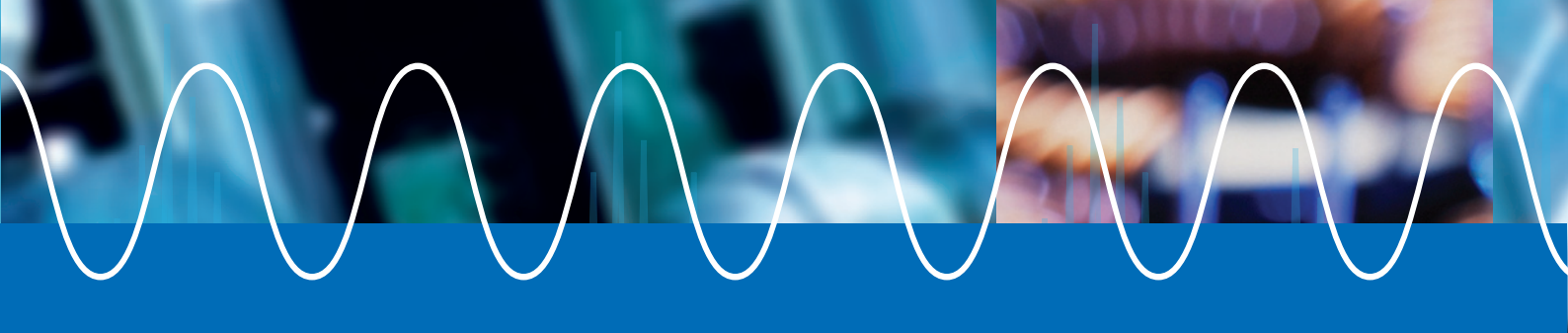
Both system levels can be installed as standalone, mobile, wireless, or wired-in to your existing SCADA system using the standard MODBUS protocol. Both have panel or rugged IP rated casing mounting options.

- No IT expertise required
- No programming
- No firewall issues
- No VPN or static IP required

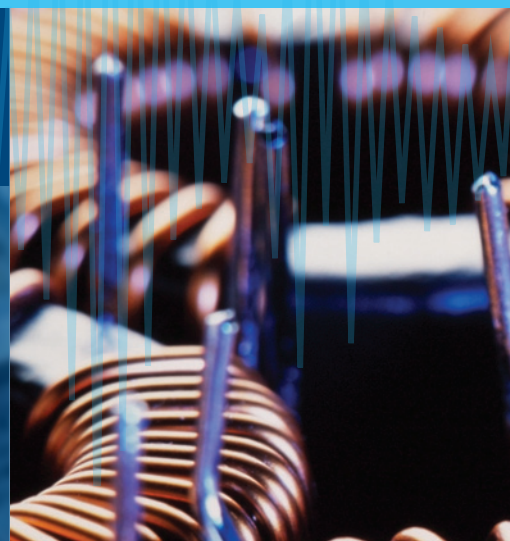

ERIKS Asset Guard Plus using the ERIKS Know-how Cloud

- Continual readings
- Warning of intermittent incidents
- Trend identification
- Text or email warnings
- Safe shut down
- Asset performance data
- Diagnostic and prognostic evaluation (when linked to ERIKS Know-how Cloud)





CRITICAL MEASUREMENTS FOR CRITICAL ASSETS



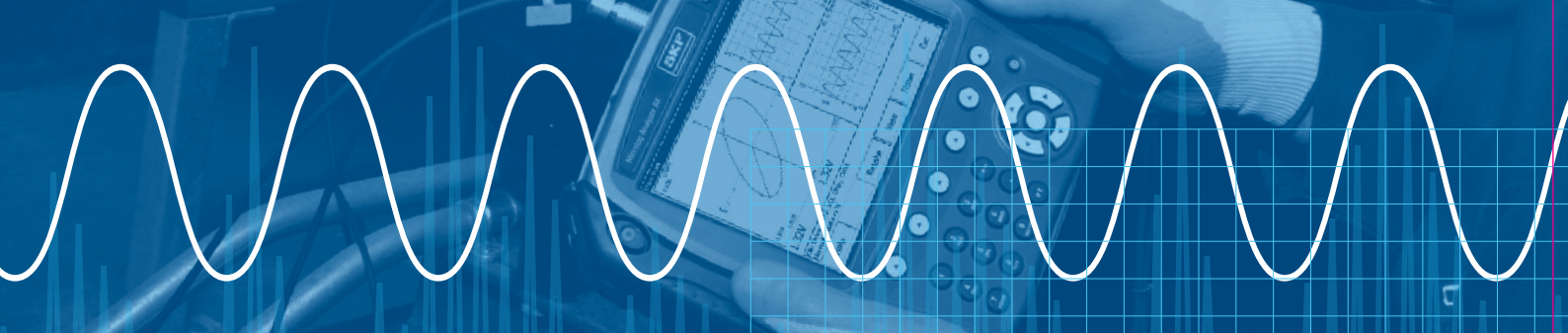
A Condition-based Monitoring System can measure a wide range of attributes of your machinery or equipment:

- Position
- Temperature
- Flow
- Vibration
- Level
- Pressure
- Torque
- Speed
- Current
- Voltage
- Cleanliness
- Viscosity

However, successful Condition-based Monitoring depends on more than just taking measurements

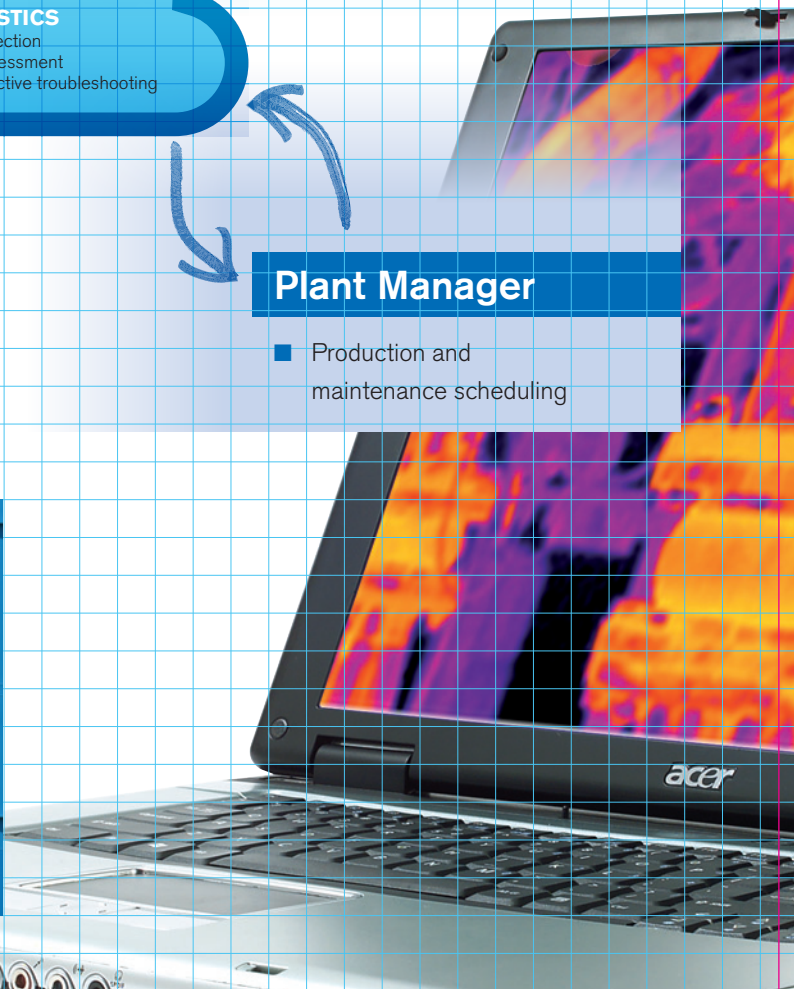
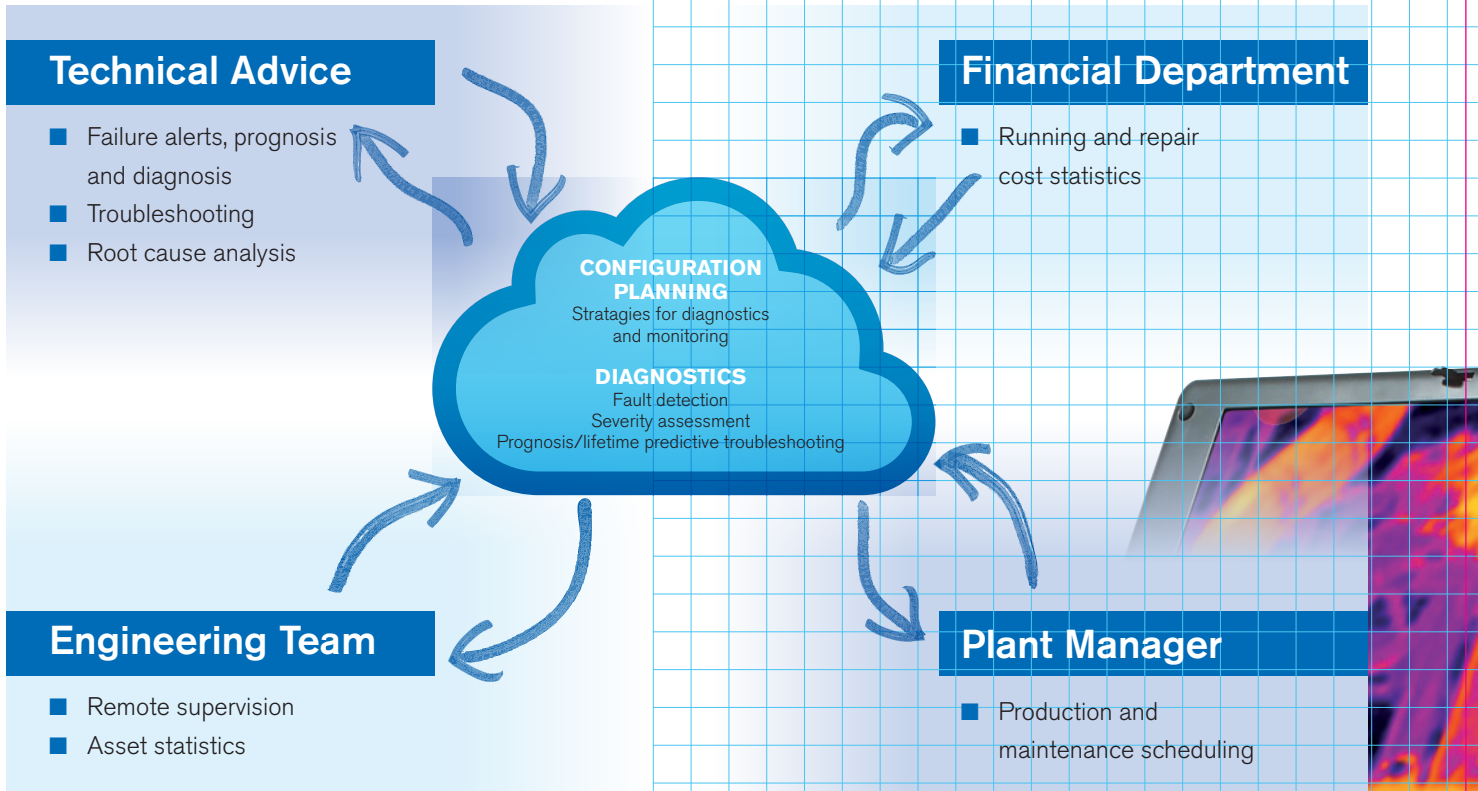
With Asset Guard Plus from ERIKS you also benefit from access to the ERIKS Know-how Cloud, helping you to understand the issues and take the relevant precautions to ensure optimum asset performance and protection:

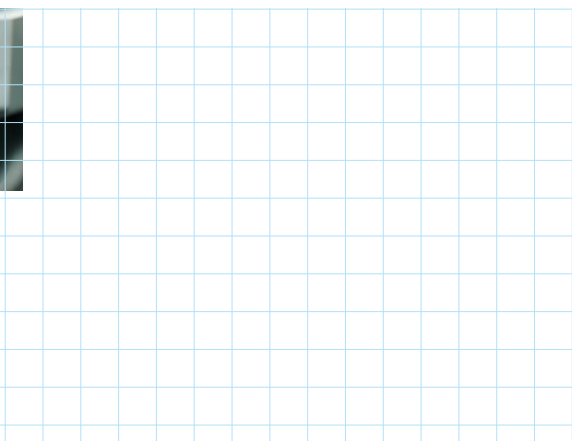
- How your assets are operating
- Ongoing monitoring and maintenance advice
- Data interpretation for diagnosis and prognosis



HOW DATA HELPS

Data collected by a properly set-up condition monitoring system is valuable to more than just maintenance engineers, and can be used for much more than just early-warning of asset failure.





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