WATCHMAN REMOTE™

WATCHMAN Remote™ is a cost-effective, subscription-based service for online machine condition monitoring of critical in-plant and remotely installed machines. It is a hybrid system made up of intelligent online monitoring hardware, telecommunications, proven monitoring techniques and a centralized team of highly experienced technical and engineering personnel dedicated to your uptime objectives.

When the installed monitoring system recognizes a machine fault, an automated alert will notify you and Azima DLI systems engineers. Your machine is remotely analyzed and notifications are sent out to your staff. Our analysts contact you and explain the nature of the fault, its severity and progression. Results are then documented in a condition monitoring report and made available to you via the WATCHMAN Reliability Portal™.

WHAT'S INCLUDED?

- Sprite™ i1600 or SpriteMAX online monitoring hardware
- Sensors and cabling
- (Optional) oil particle counter for lubricated systems
- System installation & commissioning
- Communications infrastructure, including Ethernet, WiFi, cellular and satellite
- Off-site, secure server system configuration
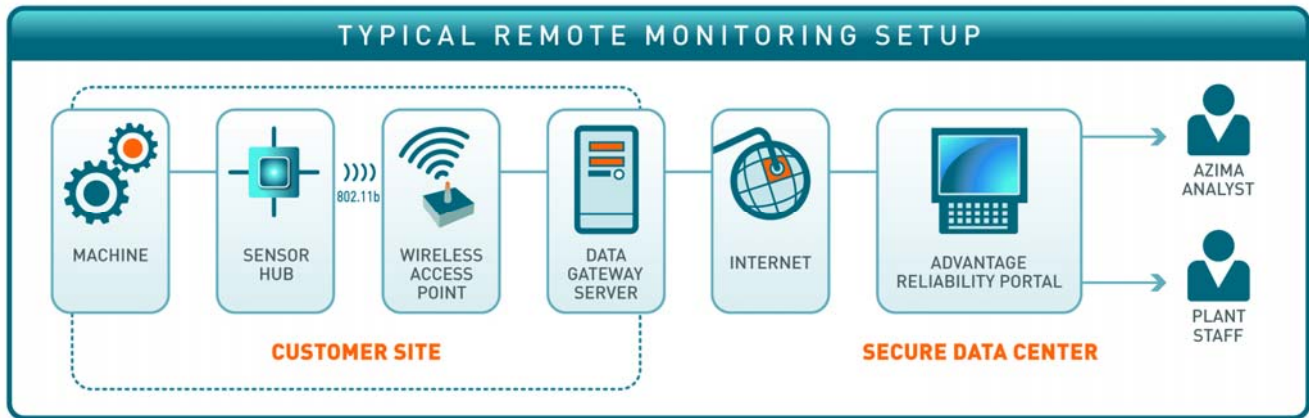- Ongoing monitoring by Azima DLI's monitoring centers

- Expert machine analysts assigned to your facility
- Machine results available through the Azima DLI WATCHMAN Reliability Portal
- Peace of mind that your assets are under the watch of the most experienced machine analysts and engineers.

TECHNOLOGIES APPLIED

The primary monitoring technology is multi-channel narrowband vibration analysis. For machine components with lubricated systems, optional in-line oil particle counters are deployed for early detection of wear particles. In the case where machines have varying load and operational speeds, relevant process data that represents machine "workload" is collected and becomes an important element for proper machine state determinations. Combining this in a real-time monitoring system provides Azima DLI monitoring staff complete information needed for accurate machine condition assessments and trending of developing faults.

AZIMA|DLI
Knowing What's Ahead

TYPICAL REMOTE MONITORING SETUP

APPLICATIONS

Our customers use WATCHMAN Remote for process-critical machines, machines where testing concerns human safety, hard to reach machines and remote or unmanned installations. In cases where transient machine fault symptoms occur, monthly periodic testing may prove insufficient to identify machine problems. WATCHMAN Remote provides continuous surveillance to capture these conditions as they occur, and provides the analyst with critical information needed to identify and track potential machine faults.

Azima DLI provides WATCHMAN Remote subscription services for:

- Shipboard propulsion
- Shipboard auxiliary machinery
- Gas compressors
- Cooling towers
- Wind turbine generators
- Variable frequency drive motors

- Offshore oil platforms
- Purification
- Pumping stations
- Conveyor systems
- Turbine drives

CALL US TODAY!

Azima DLI is transforming how companies perform maintenance, and we can help you too. To learn more about how WATCHMAN™ can deliver outstanding value to your company through our subscription based, web delivered condition monitoring services, contact us at toll free in the U.S. at 800.482.2290 or international at (+1) 781.938.0707, or visit us online at www.AzimaDLI.com.

KNOWING WHATS AHEAD™

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