WATCHMAN REMOTE™

WATCHMAN Remote™ is a cost-effective, subscription-based condition monitoring of critical and remote machines located at your plant, or virtually located anywhere in the world. WATCHMAN Remote is a hybrid system made up of intelligent monitoring hardware, telecommunications, proven monitoring techniques and a centralized team of highly experience technical and engineering personnel dedicated to your uptime objectives.

When a monitored machine fault becomes apparent, the system puts you and our systems engineers on alert. Your machine is thoroughly analyzed and notifications are sent out to your staff. Our analysts will contact you and explain the nature of the fault, its severity and progression. Results are then documented in a condition monitoring report and 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. For machines that have varying load and operational speeds, relevant process data that represents machine "workload" is an important element for proper machine analysis. Combining all these monitoring techniques in a real time monitoring system provides central monitoring staff the information they need for complete and accurate machine condition assessments and trending of developing faults.

AZIMA DLI
Knowing What's Ahead

Our customers use WATCHMAN Remote for process critical machines, machines where testing concerns human safety, hard to reach machines, and remote or unmanned machine 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 provide the analyst 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

WATCHMAN RELIABILITY PORTAL™

The WATCHMAN Reliability Portal™ provides secure access to all of your essential equipment condition information over the web. This interactive interface features an innovative dashboard that includes a watch list of high-risk machines and access to analyst reports and repair recommendations. It also serves as a portal for your plant personnel to upload collected data. The portal provides an overview of all your equipment condition, whether it's across the local plant, a region or your whole enterprise.

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 CM 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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