

FitMachine

Zurich Resilience Solutions - Risk Engineering offers the FitMachine, a sensor-based technology that monitors vibration, noise, and temperature with a Artificial Intelligence (AI) advanced machine learning capability to help customers monitor and identify early warning signs of equipment degradation. These service capabilities are provided by MOVUS.

Overview

The FitMachine is a world leading continuous condition monitoring solution that is designed and manufactured in Australia. Utilizing best-of-breed sensors, communications, and artificial intelligence; into a low-cost platform, FitMachine provides 24/7 digital oversight across a wide range of fixed rotating assets. The solution brings together all the elements needed to rapidly adopt a preventative maintenance solution including:

Industrial Sensor –

This unit is magnetically attached and is designed for a range of fixed rotating equipment. The sensor can be installed in minutes generally without interfering with machine runtime.

Artificial Intelligence Engine –

AI is the heart of the FitMachine solution. The AI engine analyzes real-time sensor data at 15-minute intervals to identify the early warning signs of failure.

FitMachine MachineCloud Dashboard –

Movus also provides a central application dashboard for viewing and analyzing machine health, degradation, utilization, and energy. The dashboard is designed to provide real-time insights allowing customers to transition from reactive/preventative maintenance practice into preventative/condition-based maintenance.

Mobile Application (Apple or Android) –

Movus also provides a MachineCloud platform for the FitMachine sensors that can be accessed via a mobile application. The application can be downloaded via the Apple iTunes store or Android Playstore.



Getting Started With FitMachine

MOVUS recommends new customers engage initially in a twelve-month introductory phase with sensors installed on a range of assets – generally 20%-30% of Plant Assets. The purpose of the introductory phase is to give customers an opportunity to learn about using predictive maintenance technology, understand what insights are being generated, and identify where current practices could be improved or optimized.

Customer Support

Zurich also provides support in combination with your Risk Engineer and the Movus Customer Success Team. At the heart of every introductory phase is their customer success team – This is a team with mechanical engineering and digital insight expertise, who work closely with new customers and can provide support and guidance when using the FitMachine.

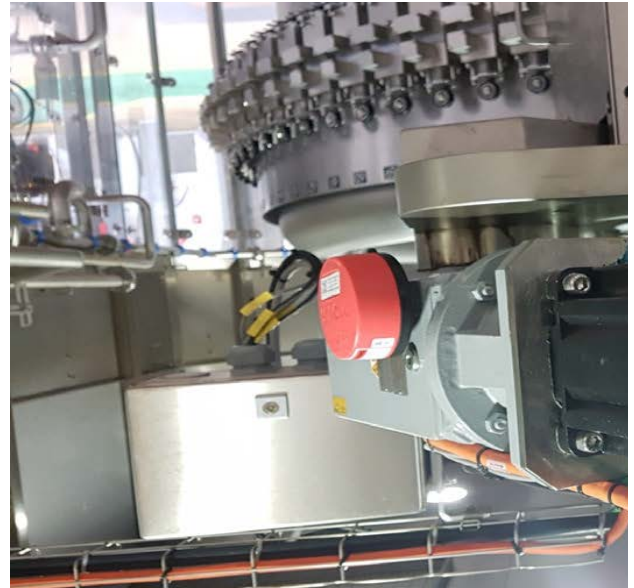
Introductory Phase Process

The introductory phase is structured to help make sure the sensors are deployed properly, calibrate, and communicate with the MOVUS MachineCloud. The key stages of the phase include:

- **Equipment Selection and Onboarding** – A representative will meet with you to confirm the assets to be monitored, delivery, and site access requirements.
- **Calibration and End User Training** – Once installation and calibration has commenced, a representative will deliver end-user training on the MOVUS MachineCloud.
- **Day to Day Oversight** – Over the balance of the introductory phase our team will be in regular contact with key personnel, helping identify unknown maintenance issues and/or anomalies that may require investigation.

Moving Forward After the Introductory Phase

Our goal during an introductory phase is to clearly demonstrate the value of FitMachine to your organization. Some introductory phases continue as is, while most could scale to add more assets and locations.



I'm sold. How do I sign-up

To sign up for MOVUS services, talk to your Zurich representative today or contact us in one of the following ways:

Call: 800 982 5964

Visit: www.zurichna.com

Email: risk.engineering@zurichna.com

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