ST LIVE DAYS

AI solution for Water Pump motor monitoring
using ST Partner Octonion's technology
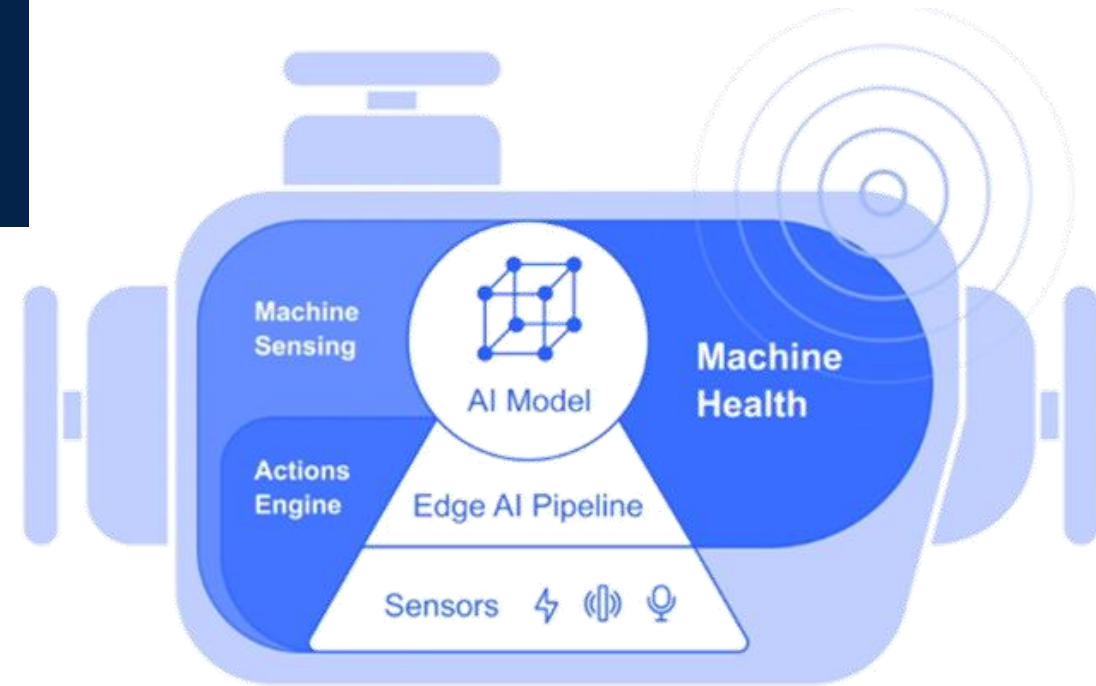
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Machine Health for water pumps installed in facilities

Anomaly detection notifications to improve customers user experience

Anomalies dataset not needed to adapt Octonion's ML algorithm

Mature connectivity and cloud dashboard to ease the visualization

Machine Intelligence software expansion for STM32Cube

By **Octonion**

Start your own predictive maintenance application with:

- ✓ Recognize machine states and detect anomaly based on 1D/3D digital accelerometer

- ✓ Unsupervised AI model creation and inference in the microcontroller

- ✓ Pattern recognition algorithms to cover low and high-stationary machines

- ✓ Easily portable across all STM32 MCU families

Running on STWIN

STM32

Download the dedicated SW package

STM32 solutions for AI
Leverage the power of Edge AI

STM32Cube.AI

Powerful ecosystem
Visit st.com/stm32cubeai

ST AI Expert team

ST AI Expert team
AI co-development partnerships
Contact us at edge.ai@st.com

Partner Program

Meet our expert partners
Visit Octonion partner web page

To learn more about the solution

Chat online with Edge AI experts during
ST Live Days (Nov. 19th)

- Miguel Castro
- Raphael Apfeldorfer
- Pierrick Autret

- Ongan Mordeniz
- Joelle Forest
- Andrei Sheleh

Thank you

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