CENGN

ENERTICS INNOVATION HIGHLIGHT

enertics

COMPANY OVERVIEW

Using IoT and machine learning technologies, Enertics provides industrial companies with an end-to-end management solution to measure and monitor the health of their electrical assets such as motors, pumps, transformers, switchgears, and more.

LOCATION: MILTON, ONTARIO

TECHNOLOGY

IoT

Internet of Things

enertics

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ARE YOUR INDUSTRIAL ASSETS GOING TO COST YOU?

Within industries such as manufacturing, utilities, and oil/gas, equipment downtimes can cost a lot of money. According to Vanson Bourne (an enterprise technology market research firm), industrial downtime costs are $250,000 USD per hour on average. Looking at these expensive setbacks, managing and maintaining your assets should be a top priority; however, 70% of companies currently lack awareness on which assets are about to breakdown. Without knowing the health of your assets, an expensive setback is bound to happen.

ENERTICS: MANAGE THE HEALTH OF YOUR ELECTRICAL ASSETS TO REDUCE DOWNTIME AND EXPENSES

Seeing how costly industrial downtimes are, Enertics created an all in one solution to monitor the health of electrical equipment. By attaching Enertics' IoT based health monitor right to the electrical asset, you can understand when and what assets need repair before they cause unexpected failures. Enertics notifies users when there's an issue with the asset in real-time through their cloud platform. The notification sends a diagnosis of the problem so it can be fixed quickly and efficiently. By monitoring asset health, mitigating costly downtime has never been easier.

SCALE-TESTING AND VALIDATING THEIR SOLUTION

Looking to launch their platform into Canadian and Asian markets, this project allowed Enertics to improve the capacity of their solution and validated that the solution was cloud-agnostic and can be deployed on-premise and on public cloud. After the CENGN project, Enertics now states that their product can scale up to 350 customers representing 9425 assets.

> **"Our project with CENGN helped us determine the performance of our overall solution, including the architecture, application, database, etc., for a large simulated multi-client system"**
>
> **Varinder Sembhi,**
>
> **Chief Technology Officer**
>
> **Enertics**