



USE CASE: TELEMATICS DATA MANAGEMENT

CASE STUDY



RESULTS & METRICS

500+ Engines

3 Azure geographic regions

250+ Engineering decision points

5 Customer teams supported and engaged

PROJECT

We worked with Nuvera, an emerging hydrogen fuel cell technology company, to create an end-to-end telematics data management system in the cloud.

GOAL

To Develop end-to-end visibility of compliance and traceability for Nuvera's emerging technology.

PROBLEM

Nuvera had obligations to investors to launch and effectively monitor the entire fleet of engines in the field. This includes operating conditions, warranty analysis, and product in-field performance metrics. The absence of this data was an unacceptable use case for early customers.

APPROACH

The LHP Data Analytics Team leveraged the entire LHP ecosystem starting with a telematics hardware solution, engineering consulting, cloud infrastructure, and advanced analytics techniques.

ABOUT THE PROJECT

Industry

- Energy/Manufacturing/Automotive

Tools

- Microsoft Azure, Microsoft Power BI, LHP Telematics Hardware (TP1), Microsoft Teams, and Power Platform.

