

DEDICATED PRIVATE CLOUD SOLUTION FOR GLOBAL AUTOMOTIVE PARTS SUPPLIER

Private Cloud Case Study

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OVERVIEW

As a prominent Managed Service Provider (MSP) with customers across North America, Next Dimension, partnered with our customer Nematik, a major global automotive parts supplier headquartered in Mexico, to transform its IT infrastructure and enhance operational efficiency for its multi-site U.S. operations. Nematik faced the challenge of moving its U.S.-based manufacturing workloads to a more agile and secure cloud environment. After a comprehensive evaluation of public cloud costs and benefits, Nematik selected our managed private cloud solution, hosted in our Chicago facility, for its performance, security, and cost-effectiveness.

SOLUTION

Our team designed and implemented a dedicated private cloud environment tailored to Nematik's unique needs, hosted in a premium Chicago data center to optimize low-latency connectivity with its U.S. manufacturing sites. The managed private cloud solution combines Nematik's in-house applications expertise with our infrastructure support capabilities, offering a high-performance, fully managed environment that scales to support their manufacturing demands.

IMPACT

This dedicated private cloud solution has enabled Nematik to experience a reliable, high-performance IT infrastructure tailored to the rigorous demands of the automotive manufacturing industry. By entrusting their workloads to Next Dimension's managed private cloud and supplemental IT support, Nematik benefits from optimized data accessibility, robust security, and a scalable environment that grows with their evolving business needs. This partnership underscores our commitment to delivering specialized cloud solutions that drive productivity and resilience in manufacturing and beyond.



KEY FEATURES

Strategic Chicago Hosting

Located in a central, high-availability data center, minimizing latency for Nematik's geographically distributed facilities across the U.S.

Comprehensive IT Support

Our Service Desk and Operations teams provide round-the-clock monitoring, proactive maintenance, and responsive support to ensure uninterrupted operations and a seamless user experience.

Seamless Connectivity

We implemented secure, robust connectivity solutions, linking each manufacturing site with reliable access to the data center, ensuring efficient data flow and fast application access.

Enhanced Security & Compliance

The private cloud environment includes advanced security protocols, supporting Nematik's compliance with industry regulations and protecting mission-critical data against cyber threats.