

## ENABLING RESILIENT OPERATIONS FOR SYLECTUS BY OMNITRACS THROUGH COLOCATION SERVICES

### Colocation Services Case Study

[www.nextdimensioninc.com](http://www.nextdimensioninc.com)



### OVERVIEW

Omnitracs, the developer of Sylectus—a leading North American Transportation Management System (TMS)—faced a challenge: Sylectus relies on a traditional application framework incompatible with public cloud environments, and the previous colocation providers solution wasn't adequate for their needs. Seeking a partner to host its infrastructure and provide "white glove" support for critical workloads, Omnitracs turned to Next Dimension. With over 23 years of collaboration, Next Dimension delivered a colocation solution to power Sylectus, supporting thousands of trucking companies across North America.

### SOLUTION

Next Dimension designed a robust colocation strategy:

#### Geographically Diverse Environments:

Production and disaster recovery (DR) environments hosted 371 km apart within the same jurisdiction ensuring resilience while simplifying compliance.

#### Traditional Framework Optimization:

Infrastructure tailored to Sylectus application framework provides reliable performance with enterprise-grade hardware and redundancy.

#### Veeam-Powered Backup & Replication:

Continuous data protection and real-time replication safeguard critical workloads.

#### Redundant DWDM Connectivity:

Next Dimension's Dense Wavelength Division Multiplexing (DWDM) backbone between data centres ensures high-speed, low-latency data transfer and seamless failover.

### KEY FEATURES

#### 371 km DR Separation:

Strategic distance enhances resilience without jurisdictional challenges.

#### Optimized Infrastructure:

Tailored for traditional workloads, avoiding public cloud cost risks.

#### Reliable Connectivity:

High-speed DWDM backbone and Internet Transit from major carrier hotels ensure consistent end-user experience.

#### Comprehensive Support:

"White glove" management includes proactive monitoring and infrastructure optimization.

### IMPACT

Next Dimension's solution empowers Sylectus to maintain leadership in the transportation management sector. Geographically diverse data centers, Veeam-powered protection, and expert support ensure Sylectus by Omnitracs is available as an uninterrupted service to trucking companies across North America. Omnitracs achieves high availability, resilience, and performance while controlling costs, empowering their clients - trucking companies across North America to optimize logistics, streamline operations, and achieve business success.