

# Driving digital logistics

Modernizing operations for unified, scalable growth



## Summary

A leading U.S. logistics and supply chain provider partnered with Sonata Software to accelerate digital transformation across enterprise systems, fleet operations, and analytics. Through cloud modernization, intelligent automation, and integrated cybersecurity, Sonata helped the client unify operations, enhance end-to-end visibility, and scale seamlessly across a nationwide logistics network.

## Customer overview

The client is a \$1.4 billion, technology-driven logistics and transportation company headquartered in Reno, Nevada. It operates more than 3,400 trailers across ports, rail hubs, and inland distribution centers, offering drayage, dedicated fleet management, warehousing, and omnichannel fulfillment. With a strong focus on innovation, the client uses a proprietary engagement platform to deliver real-time shipment visibility and an enhanced customer experience.

## Pressure points

Fragmented systems created inefficiencies and redundant data across core applications

Legacy middleware limited integration between financial, CRM, and transportation systems

Limited real-time visibility into fleet and shipment data increased demurrage and detention costs

Manual processes slowed reporting, decision-making, and response times

Cybersecurity capabilities needed to scale with expanding digital operations

Constrained analytics restricted predictive insights and optimization

## Solution highlights

Sonata Software served as the client’s exclusive digital transformation and data engineering partner, modernizing the landscape across applications, middleware, cloud, and data.

### Application modernization and middleware transformation

Migrated core systems (bc, crm, and tai middleware) from logic apps to azure function apps, enabling real-time integration and automated invoicing workflows.

### Fleet and asset management system

Built tracking and route optimization using power automate, azure functions, and cosmos db to improve operational visibility.

### Engagement platform enhancement

Delivered real-time container tracking and automated customer alerts, eliminating manual updates and improving communication.

### Data and analytics modernization

Created a unified analytics foundation with DataBricks, Azure Data Factory, and Power BI for real-time insights and predictive analytics.

### Cloud infrastructure and DevOps automation

Automated deployments with Azure DevOps, terraform, and AKS for agile, secure, and scalable cloud operations.

### Cybersecurity and compliance

Implemented an enterprise-grade stack including CrowdStrike, rapid7, tenable, and prisma cloud for comprehensive endpoint and cloud protection.

### EDI automation

standardized and automated logistics data exchanges (EDI 204, 210, 214, etc.) to streamline partner integrations.

## Results that speak volumes

### Operational efficiency

Automation reduced manual effort across shipment tracking, billing, and fleet management.

### Unified visibility

Real-time, 360° data views across the control tower and engagement platform.

### Faster decision-making

An AI/ML-ready data foundation enabled predictive, proactive logistics.

### Enhanced security

Continuous monitoring and unified governance strengthened enterprise protection.

### Scalable infrastructure

Cloud-native, containerized architecture supports nationwide growth.

### Sustainability impact

Optimized routes reduced idle time and emissions across the fleet.

## Business impact

The client now operates on a unified, future-ready digital ecosystem that connects every layer of its logistics network—from drivers to data centers. Sonata Software’s modernization has enabled faster innovation, sustainable scaling, and consistent operational excellence across an expanding U.S. footprint.