



# Modernize your surface transportation back office

## Transportation is on the move again

Whether by rail or road, the global surface transportation market is expanding rapidly.

From **US\$66B** in 2023... **US\$105B** in 2031... **6.84%**<sup>1</sup>...that's a CAGR of

And it's not just freight that's booming.

Global investment in public transportation is on an upward trajectory to help accommodate increased urbanization...

...with a forecasted market transactional value of

**US\$374.15B** by 2030<sup>2</sup>

To ensure your organization is agile and resilient enough to secure its place in this prosperous future—end-to-end modernization is essential.

## It's time to accelerate meaningful change

Transit and transportation services providers should constantly explore ways to:

- ✓ **Build smarter**, more resilient infrastructure to help drive economic growth, such as by mitigating gridlock which cost the U.S. economy more than US\$70bn in 2023.3
- ✓ **Stay compliant** with evolving regulations, such as the EU's heavy-duty vehicles (HDVs) policy that requires all new HDVs to emit 45% lower CO2 by 2030, and the final phase of the U.S. Environmental Protection Agency's (EPA) greenhouse gas emissions standards for heavy-duty vehicles, applicable from model year 2027.5
- ✓ **Protect critical operations** in response to a 36% year-on-year increase in successful cyberattacks on the global transportation industry.6



However, costly manual processes, disconnected systems, and inflexible operations can prevent you from adapting rapidly to the latest threats and opportunities.

To achieve the maximum impact, you'll need a system with:

- Intuitive analytics tools** to empower smarter decision-making
- Process automation** and reusable templates to drive efficiency
- Seamless updates** to ensure watertight security and compliance

All delivered in a flexible cloud-based platform purpose-built for agile innovation and enterprise resilience.

## Introducing Cognizant® Surface Transport Management

By combining the power of Oracle Cloud with our industry expertise, we created a suite of enterprise tools and applications to help surface transportation organizations:

- **Navigate** complex industry union, training, compliance, and tax regulations
- **Foster** an agile culture of innovation
- **Protect** and enhance critical infrastructure
- **Manage** and extend the asset lifecycle

Plus, its **intelligent data mining framework** gives you the insights you need to **predict sales fluctuations** and **acceptable variances**.



## By using Cognizant® Surface Transport Management to modernize their systems, businesses can achieve the following ROI:



## A U.S. rail freight operator's journey to a modern, cloud ERP

A large U.S. transportation company owns and operates a fleet of **168,000 railcars...** ...that's more than one for every mile of the rail network.<sup>7</sup>

But the firm ran its business on a patchwork of disconnected, on-premises ERPs, using custom code and multiple software services for critical functions. The system worked, but it required exhaustive manual effort to maintain, making it nearly impossible to adapt to competitive trends and emerging technologies. Cognizant® Surface Transport Management helped the company move to the cloud and integrate a suite of Oracle applications to standardize its business processes.

## This resulted in our client achieving:

- Streamlined systems
- Increased agility and productivity
- Reduced operating costs
- Improved reporting and analytics
- Enhanced employee experiences

## Get there quicker with Cognizant®

With Oracle Cloud technology and our industry vision and delivery expertise, Cognizant is helping surface transportation organizations optimize, modernize, and innovate like never before.

To discover how you can use proven, comprehensive cloud solutions to build resilience and achieve your transportation business goals, **get in touch** with our team today.

<sup>1</sup><https://marketresearchhub.com/download/sample/83301>  
<sup>2</sup><https://www.grandviewresearch.com/industry-analysis/public-transportation-market-report>  
<sup>3</sup><https://www.bloomberg.com/news/articles/2023-06-25/hyc-has-the-world-s-worst-traffic-congestion-costing-9-billion>  
<sup>4</sup><https://theicai.org/publication/revived-co2-standards-hdvs-eu-may26/>  
<sup>5</sup><https://www.epa.gov/regulations-emissions-vehicles-and-engines/final-rule-greenhouse-gas-emissions-standards-heavy-duty>  
<sup>6</sup><https://www.pulsesecurity.com/wp-content/uploads/2023/04/cyber-threats-in-the-transport-sector-2023/>  
<sup>7</sup><https://railroads.dot.gov/rail-network-development/freight-rail-overview>