



# Cognizant® Surface Transport Management

A modern, unified solution suite for agile and responsive enterprises.

The surface transportation industry is projected to achieve significant annual growth in the coming years, reaching a valuation of USD\$104.88 billion by 2031.<sup>1</sup>

Driven by rapid digital advancements and rising demand for more innovative, resilient, and sustainable rail and highway services, surface transport organizations must respond proactively to ensure long-term success.

Today's customers expect more seamless and connected experiences, such as smart trains and open road tolling, while complex regulations demand accountability and near-constant strategic optimization.

It's time to embrace a modern, unified framework for enterprise success, paving the way for a smarter, more efficient, and innovative future.

<sup>1</sup>[https://marketresearchpulse.com/download-sample/833017utm\\_source=LinkedIn&utm\\_medium=052](https://marketresearchpulse.com/download-sample/833017utm_source=LinkedIn&utm_medium=052)



## Modernize your enterprise with confidence

Enterprise transformation is almost always easier said than done, especially when contending with challenges such as:

-  **Siloed and duplicated**  
data spread across aging, disconnected systems
-  **Inefficient**  
manual and paper-based processes hindering agile working
-  **Unengaged**  
users with limited access to self-service and productivity tools
-  **Inadequate**  
security solutions and difficulties adapting to regulatory changes
-  **Limited**  
operational visibility, slowing decision-making and time to market

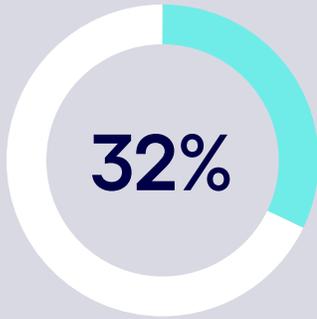
To address these challenges, we've combined our industry expertise with the power of Oracle Cloud to create Cognizant® Surface Transport Management. This unified suite of software tools and cloud accelerators is designed to streamline and modernize every aspect of your enterprise, helping you:

-  **Manage your business**  
responsibly from a single source of truth
-  **Simplify**  
reporting and automate routine, paper-based processes
-  **Boost**  
productivity with intuitive self-service and data analytics tools
-  **Scale**  
functionality seamlessly in a secure and compliant environment
-  **Accelerate**  
innovation and decision-making with actionable insights

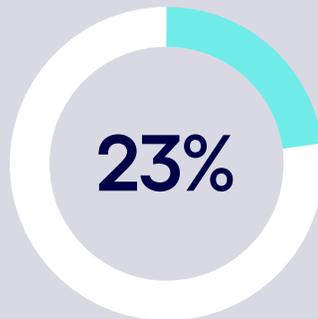
Our unified solution is also flexible, allowing you to implement each component based on industry best practices, including federal, state, and local laws, policies, and regulations. With automatic updates, you'll always work with the latest and most secure solutions.

# Reduce manual efforts and accelerate efficiency

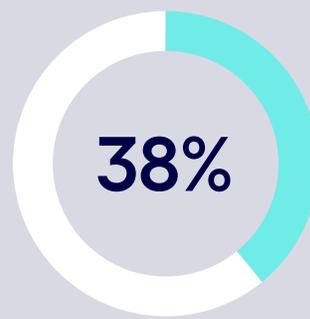
Cognizant® Surface Transport Management customers report significant return on investment, including:



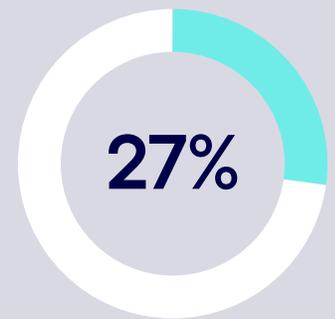
faster go-to-market using pre-configured payroll tax reporting



faster accounts payable processing from streamlined workflows



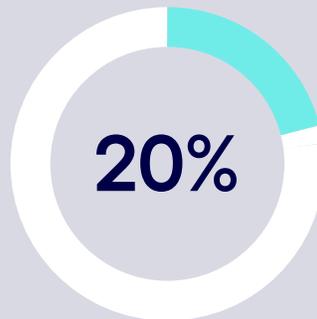
savings in cloud configuration efforts through human-like automation



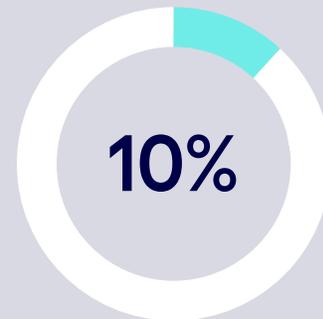
more efficient financial closing processes



estimated efficiency boost in financial reporting by replacing manual spreadsheets



reduction in maintenance effort



reduction in service-affecting failures

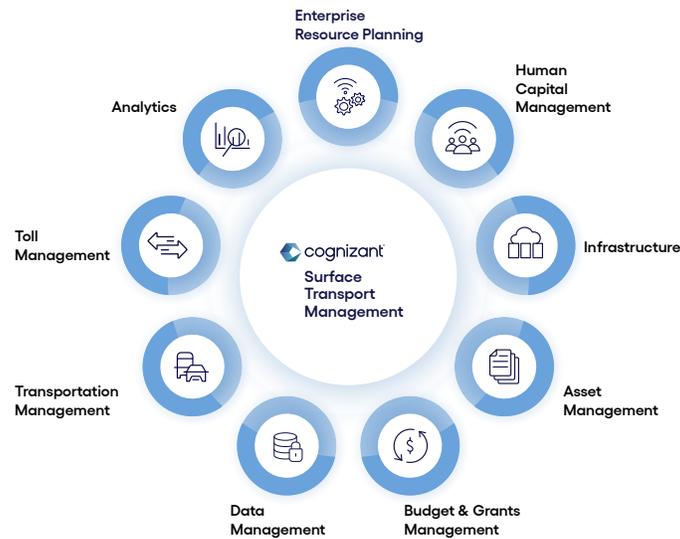
## What's in Cognizant® Surface Transport Management?

Cognizant® Surface Transport Management helps you connect and optimize your enterprise end-to-end from a single, cloud-based platform.

It covers all critical enterprise functions, including enterprise resource planning, human capital management, infrastructure, asset management, budget and grants management, data management, transportation management, toll management, and analytics.



# What's in the Cognizant® Surface Transport Management?



- **Analyze real-time enterprise data**  
Access a library of over 650 pre-built analytics dashboards and reports to identify and seize strategic and operational levers.
- **Execute reconditioning at scale**  
Unlock a 360-degree view of the supply chain, including sustainable and cost-effective suppliers of core materials, to plan and execute reconditioning at scale, improving asset reliability and lifecycle utilization, and reducing costs.
- **Enhance asset management**  
Manage inventory and maximize asset lifecycles from a single platform, helping you enhance performance, reduce maintenance costs, and drive sustainable efficiency.
- **Simplify payroll tax reporting**  
Access pre-built payroll tax and compliance templates, including US BA-3 and BA-11 reports that can be easily updated for individual customers.
- **Calculate railroad retirement tax**  
Simplify employee retirement tax calculations and reporting to ensure compliance with US Railroad Retirement Board (RRB) governance for Tier 1 and 2, as well as RUIA taxes.
- **Streamline position bidding processes**  
Manage position bidding processes in unionized organizations and accelerate data analysis and reporting with a customizable Oracle platform-as-a-service (PaaS) and APEX technology.
- **Access learning management to drive knowledge, health, and safety**  
Get real-time updates on health and safety training, integrate with third-party providers for consolidation of training history, and classify learning requirements into technical, compliance, and behavioral skills.
- **Contract parsing and configuration for union workforce**  
Reduce manual effort to the extent of 2,000 hours per year for an organization with 20,000-30,000 union workers.
- **Optimize digital tolling**  
Connect toll operators to the unified tools and real-time insights to keep vehicles moving safely and efficiently, reducing congestion and emissions.
- **Improve employee experience with persona driven processes**  
Improve efficiency with a Process Workbench containing more than 300 Level 4 processes, including persona driven training and questionnaires.
- **Augment transportation management**  
Reduce transport management costs, improve service levels, support sustainability initiatives, and automate routine business processes.

# Customer success spotlight

## UK rail provider transforms its on-premises ERP estate to save costs and minimize risk

One of the UK's major rail network owners and infrastructure managers needed to improve its operational agility, reduce overhead costs, and expand data analytics across the organization.

The project successfully moved one of Europe's largest Oracle ERP environments to a modern cloud infrastructure, including a 6TB database with 40,000 users. This included key business functions like financials, HR, procurement, and supply chain.

The multi-award-winning project helped the rail operator improve its ERP performance by 50%, reduce provisioning lead times by 50%, shrink the size of its ERP estate by 60%, and cut annual overhead costs by £2million.<sup>2</sup>

## North American freight car service provider journeys to the cloud

A leading North American freight car service provider needed to centralize its heavily customized, on-premises SAP ERP system to become more agile, responsive, and cost-effective.

Its patchwork legacy system supported critical business processes, requiring intensive manual effort to ensure operational continuity. This made it almost impossible to adapt proactively to competitive trends and technology advancements.

To address these challenges, the company implemented a multi-pillar cloud solution using Oracle Fusion Cloud ERP, HCM, and SCM. The company also decommissioned many legacy applications, created a real-time view of the supply chain, and automated routine processes. This freed up more time to focus on the business, rather than the technology that supports it.

Since implementing these changes, the company has improved real-time inventory tracking, reduced payroll efforts by more than 50%, automated railcar planning and forecasting, and significantly reduced IT costs.

<sup>2</sup> <https://www.networkrailmediacentre.co.uk/news/network-rail-cloud-migration-project-recognised-as-industry-leader>

# Fast-track your Oracle Cloud journey with Cognizant



## Cognizant Cloud Accelerator

Access 100+ pre-built digital assets to help accelerate cloud migration with zero downtime and up to 35% manual effort automation.



## Cloud Asset Library

Gain a repository of reusable generic technical assets based on learnings from 500+ cloud implementations.



## Cloud Conversion Hub

Migrate data seamlessly from legacy databases to Oracle Cloud, helping you save up to 30% in conversion efforts.



## Cloud Configurator

Accelerate cloud configuration cycles and minimize manual error with a flexible and adaptable automation solution built for global enterprise use.



## Cloud Central Reporting

Benefit from pre-built dashboards and industry specific reporting capabilities to help you monitor and easily control your Oracle Cloud Infrastructure.



## Cloud Central Integrations

Easily connect and automate integrations between Oracle Cloud and internal and partner business applications, reducing integration costs by up to 15%.

# Why Cognizant?

Cognizant is one of the world's leading professional services companies, helping surface transportation organizations modernize and automate their systems and processes.

With Oracle, a global provider of enterprise cloud computing, we provide the proven support and best-in-class technologies needed to create more efficient, collaborative, and cost-effective surface transportation operations.

As a strategic Oracle Partner, Cognizant brings extensive experience in delivering comprehensive end-to-end cloud services. Cognizant is among the few global System Integrators (SI) with the largest multi-pillar Oracle Cloud implementation capability, having completed over 500 Oracle Cloud engagements across more than 75 countries.

Cognizant is ranked among the top for Oracle Cloud certifications and is one of the leading SIs in the Modern Oracle Partner Network (OPN) for Oracle Cloud. By combining our innovative expertise with Oracle Cloud technology, we offer niche industry solutions that address your unique industry challenges.

To learn more visit [here](#)



Cognizant (Nasdaq-100: CTSI) engineers modern businesses. We help our clients modernize technology, reimagine processes and transform experiences so they can stay ahead in our fast-changing world. Together, we're improving everyday life. See how at [www.cognizant.com](http://www.cognizant.com) or [@cognizant](https://twitter.com/cognizant).

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