From the moment goods enter a yard, a stopwatch begins ticking. Every day, minute, or even second (in some operations) that inventory is held is a critical unit of time upon which a myriad of other activities are dependent. One disruption, even minor, and the ripple effect is felt throughout.

Most logistics environments have powerful monitoring and reporting tools for their warehousing and transportation functions but visibility into yard operations has often been non-existent. Goods are ushered throughout yards and lots freely with little to no oversight, resulting in misplaced trailers, unintended retention of goods, missed shipments, production delays and ultimately dissatisfied customers.

Cognosos Yard Operations solves critical challenges caused by the blind spot in yard visibility by enabling real-time location intelligence and powerful reporting tools to aid in resource planning and improving efficiencies.

Our proprietary wireless networking technology provides precise location at a fraction of the time and expense of RTLS 1.0 solutions, requiring only a single outdoor gateway (about the size of a wireless router) to provide real-time location information up to a two-mile radius, and track up to 10,000 assets.

Yard Operation Capabilities

**Asset tracking**
Achieve instant location visibility of every asset across massive lots and yards, eliminating the frustrating burden of searching for inventory

**Alerts and notifications**
Alert appropriate personnel via SMS/email about prolonged dwell time, incorrect dock door, route time fluctuations, dock door congestion, potential theft, etc.

**Dock door verification**
Ensure trailers are being parked in front of the assigned door to eliminate confusion, unnecessary moves and the congestion that results

**Dock door utilization monitoring**
Gain visibility of all dock doors and their status to unlock insights that can help support planning, right-sizing staffing and resources, and avoid congestion

**Dwell time monitoring**
Proactively monitor trailer dwell times at dock doors and be alerted if loading/unloading exceeds allocated time to help avoid subsequent bottlenecks or challenges

**Yard Jockey task assignment**
Increase productivity and improve operations with the ability to assign tasks in real-time. Eliminate redundant or unnecessary moves and reduce switcher costs.

**Route Management**
Measure and monitor the gate to dock door travel time and identify inefficiencies or planning opportunities

**Gate management and control**
Monitor and control gate activity with enhanced visibility of ingress and egress, process execution efficiency and alerts for unexpected or unauthorized trailer movement.

**Theft and loss prevention**
Leverage visual and audible alerts for unauthorized asset movement
The Next Generation RTLS Platform

Real-Time Asset Intelligence
Cognosos rapidly deploys to provide Real-Time Location Services (RTLS). By connecting you to your assets, Cognosos empowers your team with the tools to optimize processes, reduce costs, and provide seamless customer experiences.

Accelerate Processes
Locate inventory faster and move it through the supply chain more efficiently, reducing errors and the overall effort required to track and locate assets.

Minimal footprint
Leverage instant asset visibility without the need to install costly and extensive infrastructure. Thanks to our lightweight footprint and patented network technology, a single gateway can provide support for up to two square miles and manage location information for up to 10,000 assets.

Manage Exceptions
Leverage alerts and events to identify problems proactively, zeroing in on trouble assets to ensure they receive the attention they require.

Automate Business Rules
Apply your unique business rules to assets and their locations, alerting you if an asset is not where it’s supposed to be or leaves its assigned zone.

Let Us Place Power at Your Fingertips.
Cognosos provides the complete solution for real-time asset intelligence that boosts utilization of equipment, reduces operating costs, and delivers a better customer experience.

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