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luminate Control Tower

Sense and respond to the unpredictable in today's digital world

Companies today have access to a wide variety of data signals, ranging from Internet of Things (IoT) sensors to social media, news, events and weather (SNEW) data, that can provide valuable insights into a company's supply chain operations — and its bottom line. Yet, many companies are hampered by siloed operations and systems, making it a challenge to capitalize on this growing volume of digital data.
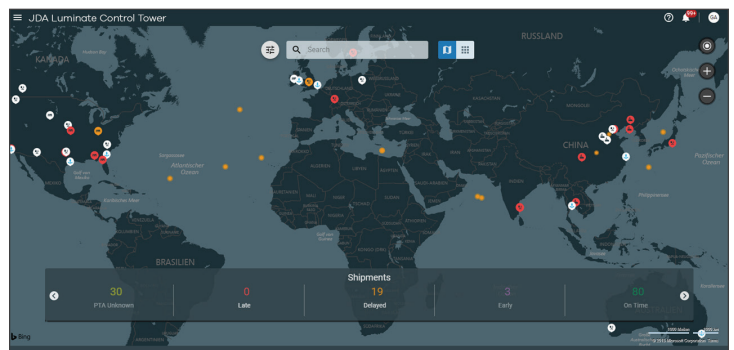
While companies need to be able to proactively manage the unpredictable portions of their business, it's nearly impossible for them to manage what they don't see, plan for what they don't know, and execute if they're not aligned. To compete — and win — in today's digital age, companies must be able to see, analyze and act on insights gained from digital signals across the supply chain in real time, and then learn from those experiences to become better at sensing and responding to supply chain risks and opportunities in the future.

Control tower. Illuminated.

JDA® Luminate™ Control Tower is an award-winning software-as-a-service (SaaS) solution that provides real-time visibility, optimized orchestration and prescriptive recommendations across the entire supply chain.[1] The solution is part of the next-generation JDA® Luminate™ family, which extends and enhances JDA's product portfolio and is built on a cognitive, real-time, connected platform that embraces digital-edge technologies such as SaaS, IoT, artificial intelligence, advanced analytics and cross-platform integration.

◆ ## Key Benefits of JDA's Award-Winning Luminate Control Tower:

- Predicts future supply chain disruptions

- Facilitates efficient, effective and profitable responses to supply chain disruptions

- Enables intelligent scenario planning across the extended enterprise

- Increases internal and external collaboration

- Improves customer service levels

- Lowers total cost to serve

1 Appealie Award for Overall SaaS Platform, https://appealie.com/saas-award-winners-2018/

With JDA's award-winning Luminate Control Tower, companies can see, interpret and act on real-time information from the entire digital ecosystem, including third-party data sources, to drive a more customer-centric, demand-responsive supply chain. These real-time visibility, collaboration and intelligent response capabilities support more intelligent scenario planning and profitable responses, which will ultimately lead to improved service, increased revenue and lower cost to serve.

Enable real-time, end-to-end supply chain visibility

With the solution's collaborative and connected platform, companies can now visualize the entire flow of goods across suppliers, factories, distribution centers, distributors, retailers and customers. This end-to-end visibility gives all upstream and downstream partners access to "one version of truth" across the extended supply chain, enabling planners to correlate any events or exceptions impacting supply and demand in real time.

Understand and leverage signals from the digital ecosystem

JDA's award-winning Luminate Control Tower is the only solution in the market that consumes internal and external digital signals — such as SNEW and IoT — from the digital ecosystem, including distributors, suppliers and partners. By capturing and analyzing data feeds from the digital edge, companies will gain a greater understanding of consumer sentiment, insights and any correlation to demand fluctuations. These capabilities enable planners to predict the estimated time of arrival (ETA) for deliveries based on real-time updates on weather, traffic, congestion, etc., as well as identify accurate inventory positions based on delivery ETAs.

◆ Key Capabilities:

- Comprehensive real-time visibility of supply chain status, activities and key performance indicators, with an advanced user interface to review exceptions and recommendations across the supply chain

- A technology platform that facilitates collaboration across the enterprise and external ecosystem, notifying participants via proactive alerts when event thresholds concerning shipments, inventory, orders, demand and supply are breached

- Intelligent and prescriptive decision support leveraging cognitive insights across supply chain planning and execution functions, and machine learning-based issue resolution

Sense and respond to risks and opportunities – all while continuously learning

The solution's intelligent response framework and exception management capabilities enable organizations to prioritize responses to current and predicted disruptions based on severity and impact. Additionally, predictive and prescriptive analytics enable what-if scenario analysis using real-time data to better understand trade-offs. This allows planners to effectively monitor issues and collaborate with partners to resolve exceptions and execute decisions across the supply chain and extended network.

Using advanced industry-relevant, machine-learning algorithms, JDA Luminate Control Tower continuously learns from rapidly changing transactional data and digital signals. It analyzes data at scale, correlates events and associated responses to spot trends and anomalies, and then generates prescriptive fact-based recommendations, enabling companies to minimize risk and capitalize on future opportunities.

Running JDA Luminate, you can plan to deliver.
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