

# Ivanti Neurons for Industrial Internet of Things (IIoT) for Supply Chain

## Summary

Supply chains are traditionally designed to combine human labor with the efficiency and precision of machines, while achieving greater production. Like IoT, the Industrial IoT (IIoT) has potential to provide companies with advanced warehousing, logistics and transportation solutions, while ensuring seamless process management across all links of complex supply chain.

The top drivers of IIoT growth include improved operational efficiency, improved productivity, reduced downtime, optimization of assets and added transparency to decision-making.

## The Ivanti Neurons for IIoT Platform

Purpose-built from the ground up — and with these B2B environments in mind — Ivanti Neurons for IIoT is a unique application-enablement platform that helps supply chain businesses automate and optimize operational efficiency. Businesses can collect and analyze high-volume, high-speed operations data and derive actionable, real-time insights to boost operational efficiency, productivity and quality — and drive industrial organizations towards true operational excellence.

The Ivanti Neurons for IIoT platform integrates rapidly with Ivanti Velocity using its built-in MQTT client, and can be used to add IIoT automation around your existing task-worker processes without having to invest in expensive WMS changes.

## Transform Supply Chain Operations through Low-risk Automation

At its core, Ivanti Neurons for IIoT connects machines, devices, workers and systems, maximizing uptime, deepening insights and improving visibility. Dynamic workflows leverage five key platform capabilities:

- **Connect:** Smoothly integrate data from any connected device and operational technology applications, Ivanti Velocity, and more to ensure a single-source repository for diverse business insights.
- **Create:** With a low-code/no-code workflow builder, the Ivanti IIoT platform integrates pre-built applications easily so users can implement rapid solutions.
- **Analyze:** Sync with the Ivanti Neurons engine for powerful predictive-analysis capabilities, including identifying potential failures and processes for improvement.

## Ivanti Neurons for IIoT Dashboard

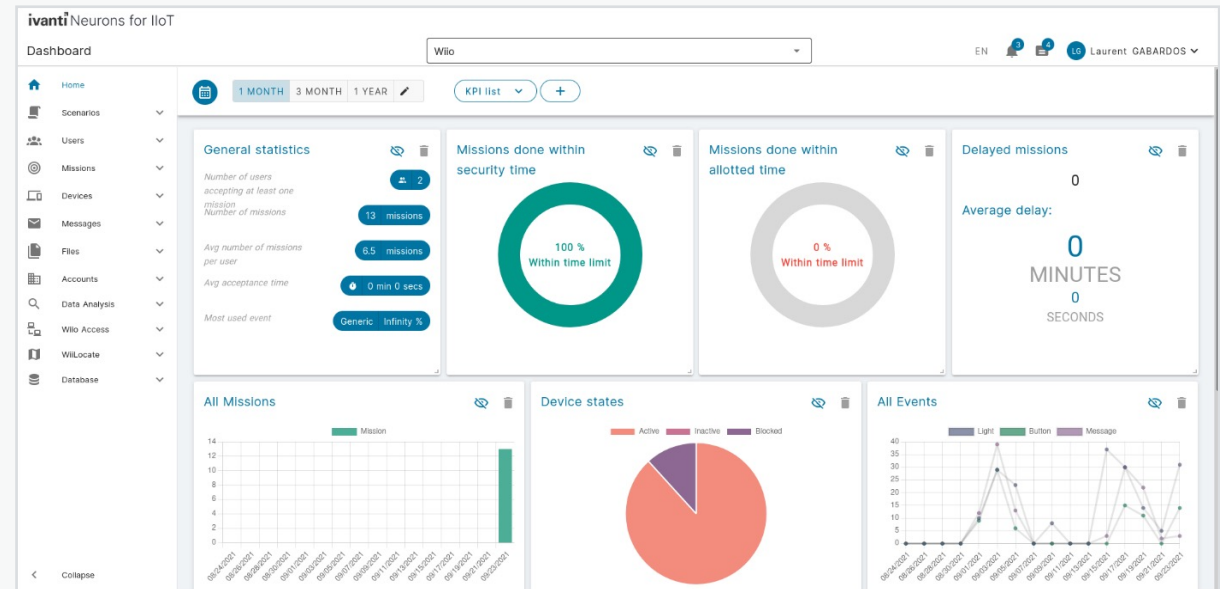
- **Automate:** Orchestrate workflows that drive productivity, optimize devices for peak performance and improve process automation in a single platform.
- **Visualize:** Streamline decision-making with real-time contextual dashboards that bring cross-device insights, deep analytics and predictive recommendations together.

It's an intuitive approach to creating compelling experiences backed by real-time analytics. From edge computing to predictive analysis to iterating and optimizing journeys, Ivanti Neurons for IIoT delivers personalized solutions to solve challenges facing the industrial environment.

### Empowering the Supply Chain to Gain Insights into Workforce Productivity

With this dynamic solution, supply chain customers begin integrating operational technologies, edge devices and task workers into one automated process from day one. In addition, Ivanti Neurons for IIoT integrates with existing apps and solutions with no added technology needed. This not only encourages adoption but also eliminates common technical gaps that occur when integrating heterogeneous systems.

It's an agnostic approach to IIoT-device integration, bringing together insights from any vendor device and integrating them into a single platform for frictionless



analysis and an accurate “big picture” view of your organizational landscape. Ivanti Neurons for IIoT lets warehouses harness the power of IIoT analytics and automation to enhance their supply chain performance.

#### Value Drivers:

- Deploy proof-of-concepts quickly
- Quickly detect issues impacting operational efficiency and take actions
- Build scalable applications that drive operational efficiency

- Accelerate the development of complex IIoT solutions with a low-code, no-code environment
- Facilitate easier, faster decision-making with real-time data and deep analytics
- Enable your workforce to bring their talent and focus to core tasks
- Integrate smoothly into existing operations
- Reduce the technical gap to interface heterogeneous systems together
- Reconcile the IT constraints with those of the business operations
- Leverage not only IIoT benefits but existing Velocity fleets as well

## How IIoT is Setting New Bars in Supply Chain Management:



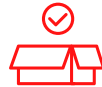
### KPI Measurement

Easily integrate applications such as Ivanti Velocity and collect data to help measure and analyze specific warehouse processes or operations. Obtain results that show how well the process is doing or understand material-handler KPIs so individuals can gain insights.



### Real-time location tracking

Get real-time data regarding the location of the product and the transportation environment. Receive alerts if the product is shipped in the wrong direction and monitor the delivery of ready goods and raw materials.



### Storage-condition monitoring

Track shipment conditions and respond to changes proactively. Collect data on temperature, pressure and humidity inside vehicles that could compromise the product and trigger automatic condition alerts.



### Fleet/Yard management

Use analytics to improve the quality of decision-making. Monitor goods during shipment and predict the delivery as well as forecast and mitigate risks associated with delays.



### Inventory management

Locate goods easily and increased efficiency with real-time location trackers and automation.

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For more information, or to contact Ivanti, please visit [www.ivanti.com](http://www.ivanti.com).

