

inVia Logic

THE WAREHOUSE INTELLIGENCE PLATFORM FOR HYPER-EFFICIENT OPERATIONS

inVia Logic is a warehouse intelligence platform that powers real-time, dynamic decision-making for peak efficiency. It keeps workflows running continuously and resources fully utilized, ensuring you always meet your SLAs. No more wasted time, no more workflow gaps—just a constant stream of order fulfillment.

99.9%
accuracy

4-5x
productivity

Schedule a demo at www.inviarobotics.com

Intelligence that keeps your SLA promise

inVia Logic Warehouse Execution System (WES) goes beyond traditional execution—it's a warehouse intelligence platform that orchestrates your most valuable assets: inventory, people, and equipment. With AI-driven decision-making, it speeds up order processing, improves accuracy, and keeps your warehouse running smarter, faster, and more efficiently.

- **Meet SLA Deadlines**

Our AI plans and makes decisions around your SLAs. It dynamically schedules tasks to ensure seamless and efficient order fulfillment.

- **Boost Productivity 4-5x**

AI-powered software and Goods-to-Person autonomous robots eliminate inefficiencies and keep operations running at peak performance.

- **Minimize Cycle Time**

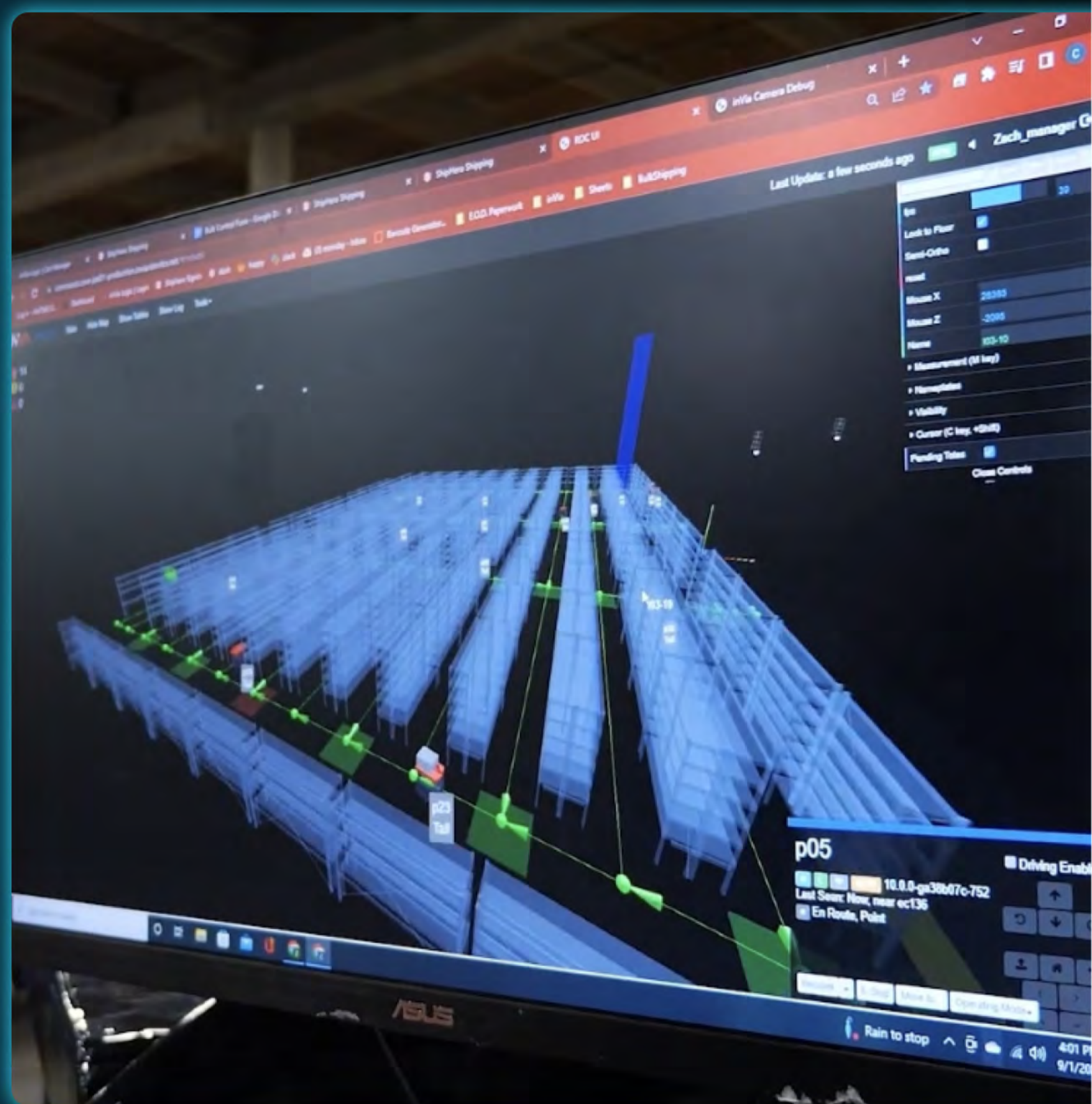
End-to-end workflow orchestration speeds up order processing and eliminates bottlenecks.

- **Optimize Labor Efficiency**

Pick-to-color technology and smart task distribution keep workers productive and reduce idle time.

- **Increase Order Accuracy**

AI-powered decision-making ensures precise picks and shipments, reducing errors and returns.



Our AI engine, inVia IQ, makes **over 1 million decisions daily** to fulfill orders. It processes WMS data—including order and worker profiles, SLA rules, and inventory—then autonomously plans, prioritizes, assigns, and manages tasks.

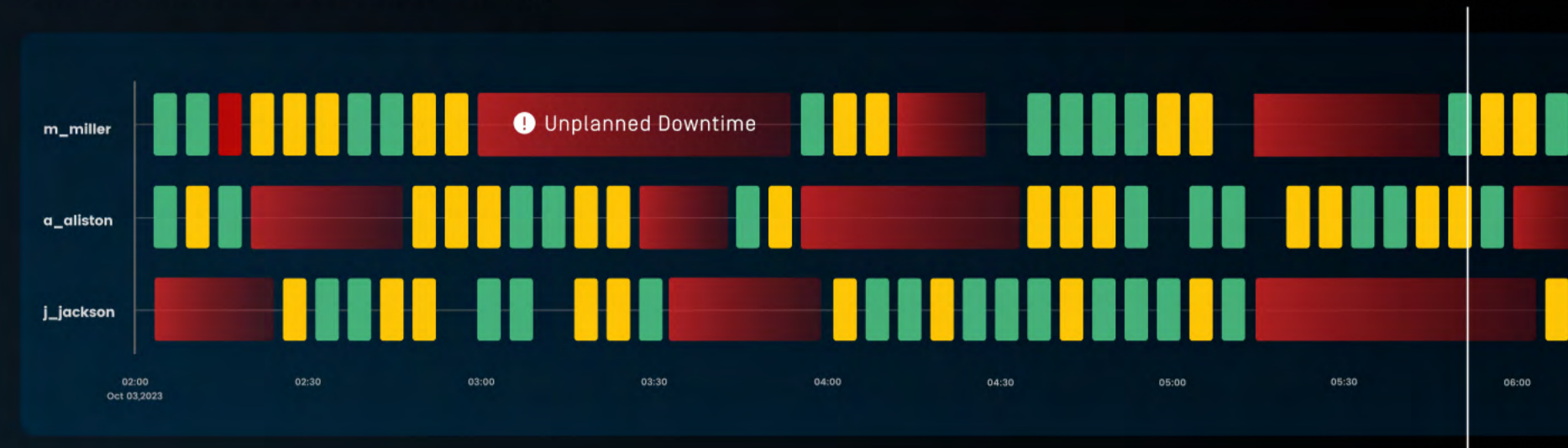


Dynamic Task Assignment

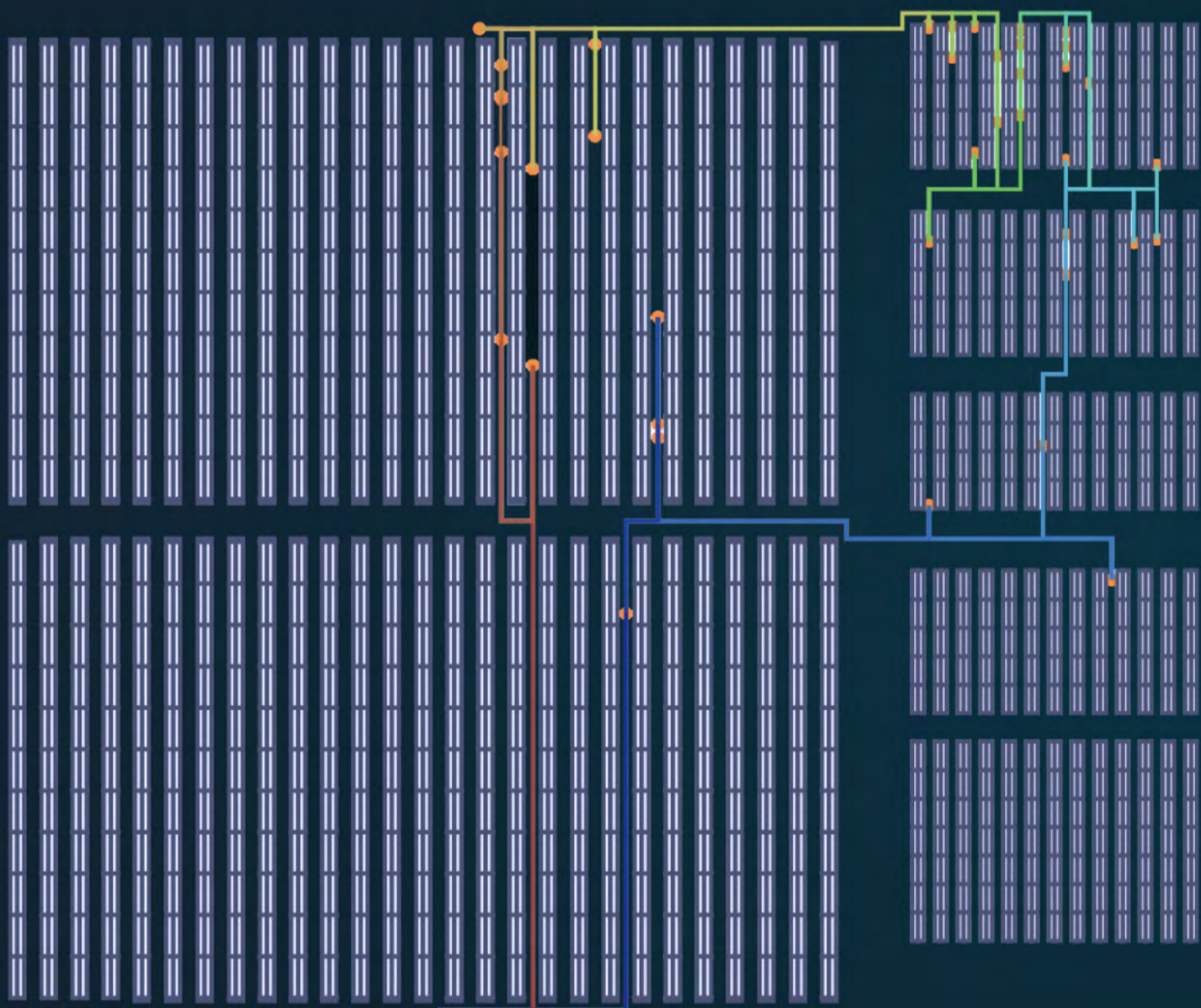
Tackle the top productivity killer – idle time

inVia Logic ensures all of your resources are fully utilized. This includes optimal allocation of your labor to perform fulfillment tasks and coordination of hardware and software to make seamless hand-offs. It continuously reallocates labor to maximize your most precious commodity – time, making sure it's never idle.

Traditional Task scheduling



inVia Logic Dynamic Task Scheduling



Intelligent Path Planning

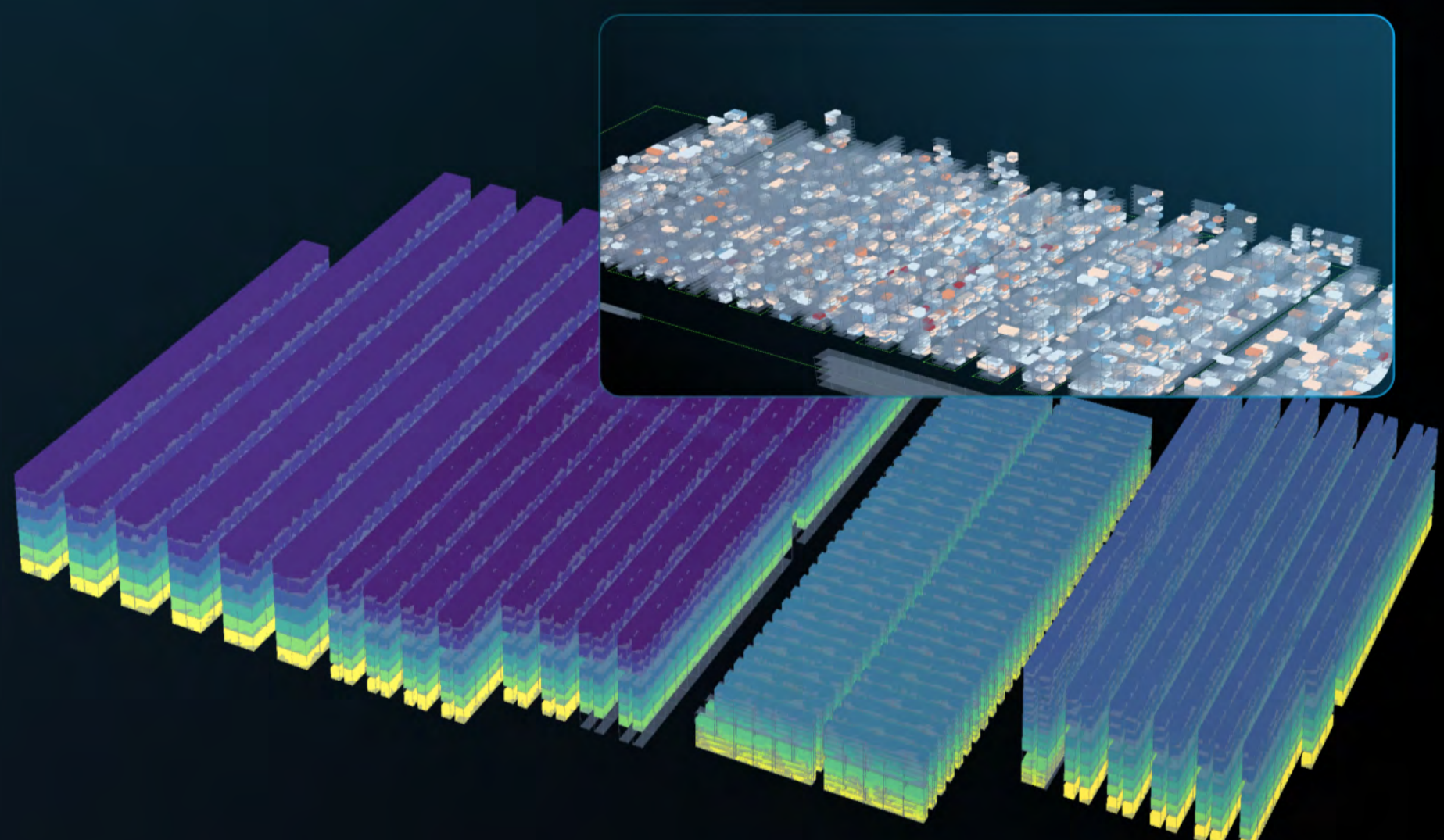
No more walking the aisles for miles!

inVia SmartPath algorithms reduce warehouse walking by directing workers along the most efficient pick paths. They dynamically reroute workers to avoid congestion in aisles and group orders based on SKU proximity, eliminating repetitive trips to the same location.

Inventory Placement

Put inventory where it works for you

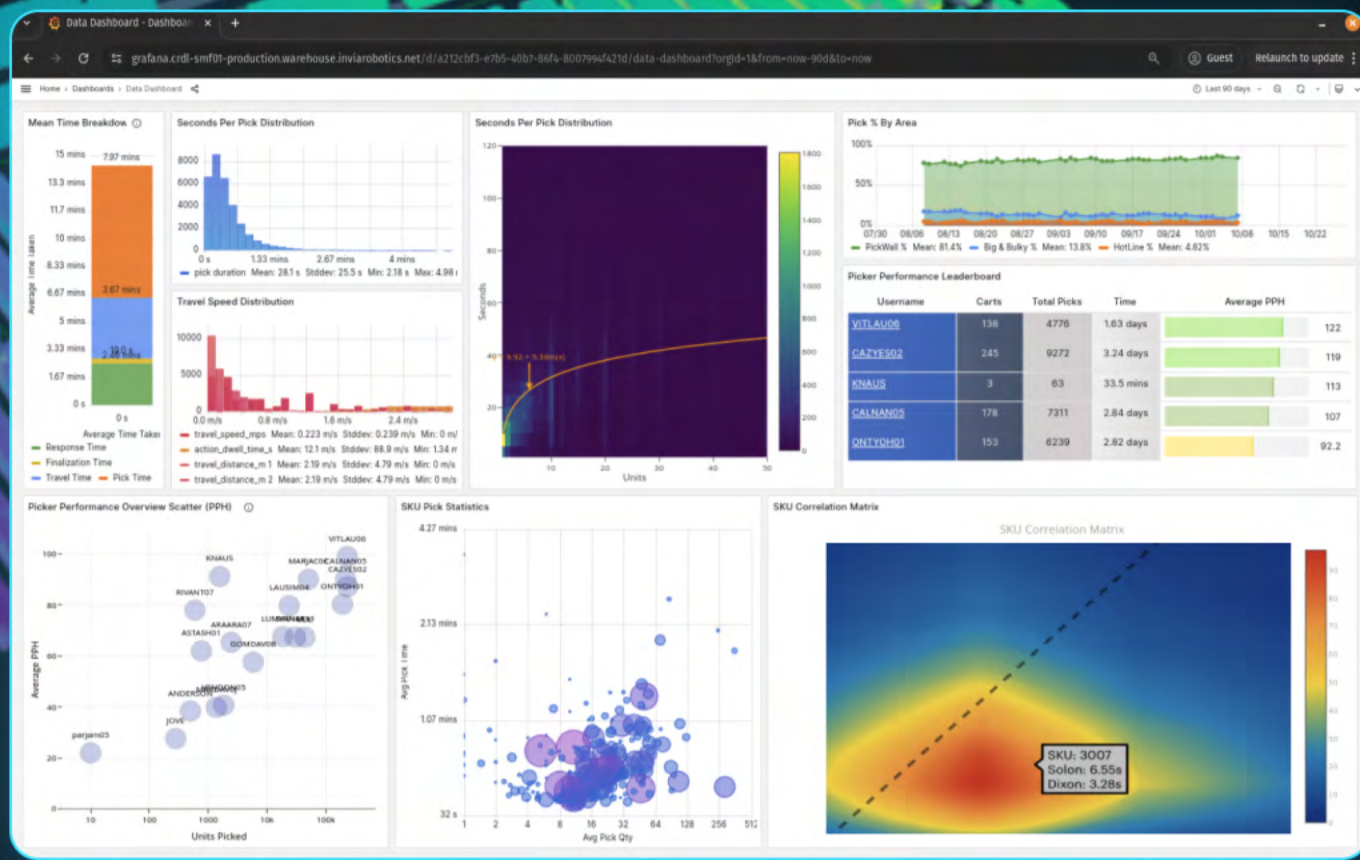
inVia Logic analyzes order patterns and product demand to keep fast-moving items within easy reach while storing slower-moving products out of the way. This reduces unnecessary walking and helps workers pick orders faster with less effort.



AI & Business Intelligence

Make Better Decisions with Real-Time Actionable Data

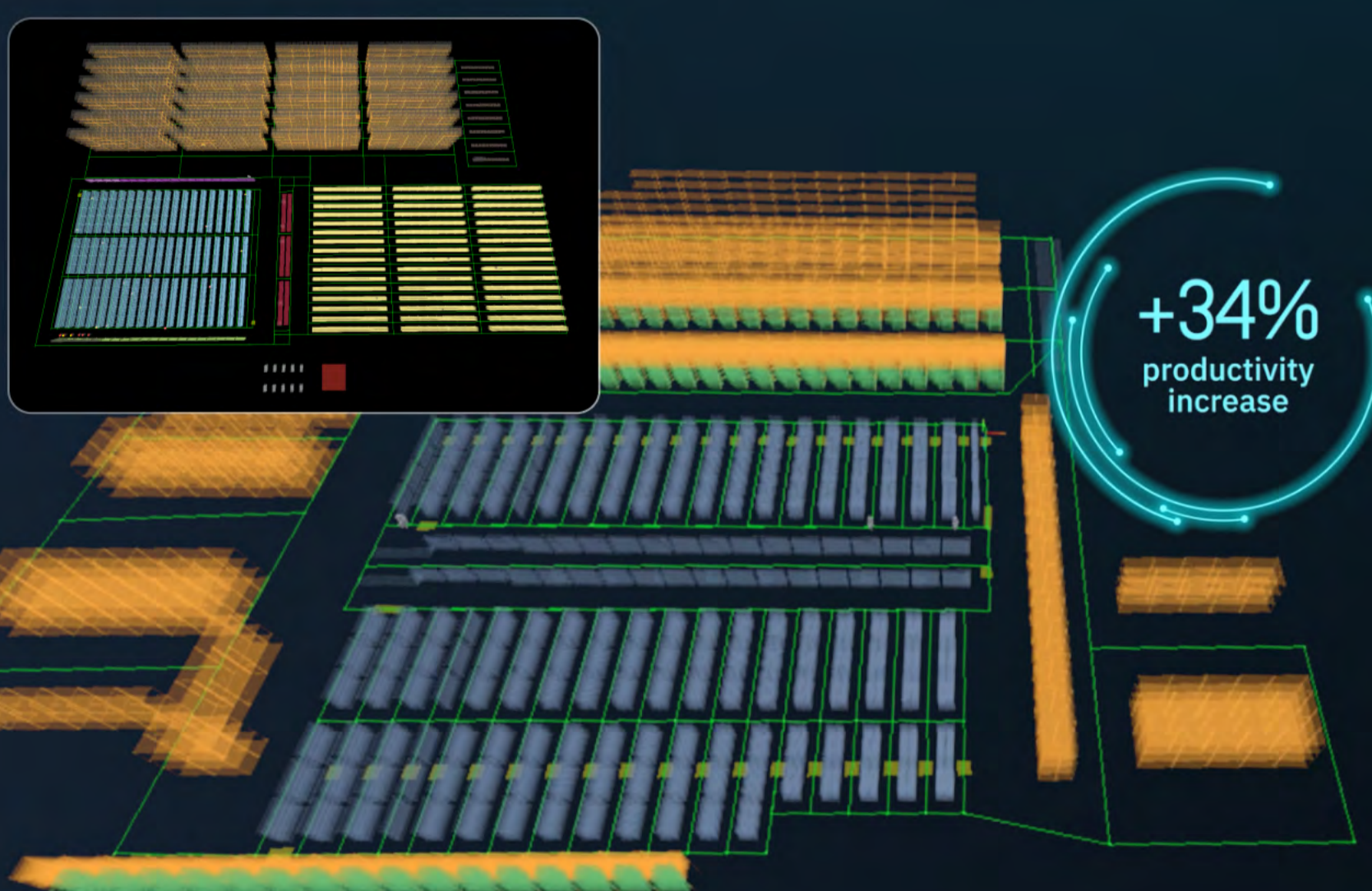
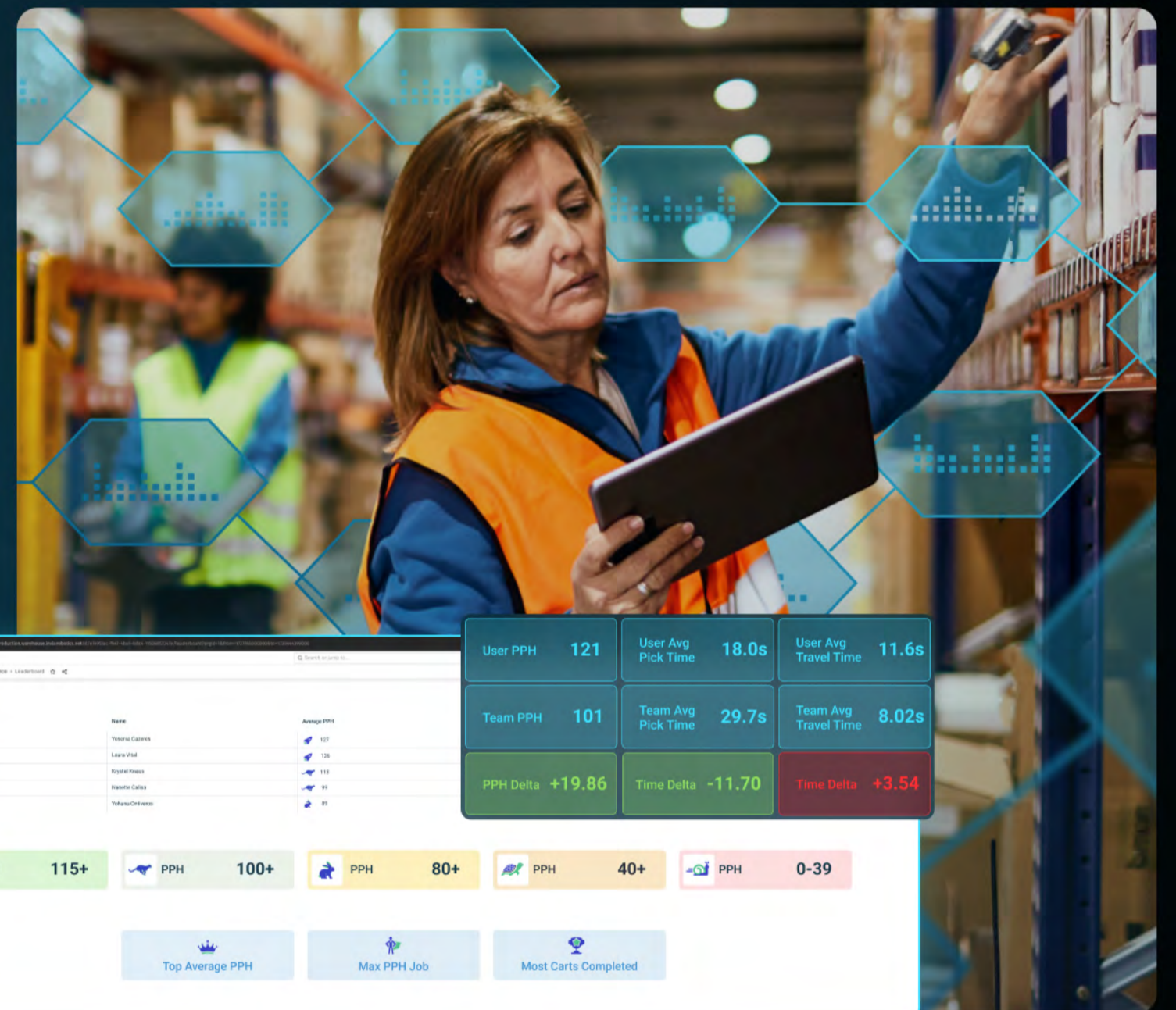
inVia Logic collects thousands of data points per worker daily. AI analyzes trends, pinpoints inefficiencies, and identifies whether issues stem from the system, workers, or resources. Companies can compare efficiency across sites, track how the same SKU is picked in different warehouses, and model improvement strategies before making changes.



Labor Management System

Transform workforce insights into performance gains

Powered by inVia Logic's deep workforce insights, inVia's LMS goes beyond real-time data to drive immediate action. It pinpoints skill gaps, highlights workflow bottlenecks, and uses coaching and gamification to improve worker performance. By optimizing labor planning and utilization, it ensures employees are continuously developing and operating at peak efficiency.



TWIN IQ Intelligent Simulation

Discover the best version of your warehouse

Twin IQ creates a digital model of your warehouse, allowing you to test and refine strategies in a risk-free environment. It simulates different workflows, inventory placements, and automation configurations to design the most efficient operations. By optimizing before implementing, it helps lower costs and enables confident, data-driven decisions.

inVia PickMate

inVia PickMate is a simple, intuitive, hardware-agnostic software with a color-based interface. It translates inVia Logic's intelligence into clear, actionable guidance, directing workers to quickly and accurately pick and place goods throughout the order process.

- **Pick-To-Color Technology**

Simple visual cues make picking and placing intuitive. Workers match the color on the screen with the color on the inventory, ensuring fast and accurate fulfillment.

- **Less Walking**

Smart algorithms reduce unnecessary walking by batching orders and guiding workers along the most efficient pick paths.

- **Intelligent Labor Utilization**

Workers are guided to the right SKUs while the system dynamically reassigns orders. This prevents bottlenecks and idle time, keeping warehouse operations running smoothly.



inVia PickerWall

inVia PickerWall maximizes efficiency in warehouse fulfillment. It functions as a dynamic pick/put wall, built daily by our robots. They deliver inventory to inVia PickerWall, where workers are guided on how many units to pick and which order containers to sort them into.



- **No More Walking**

Workers remain stationary on the other side of the inVia PickerWall, where all of the day's ordered goods are brought for sortation.

- **Boost Productivity 4-5x**

Intelligent software and Goods-to-Person autonomous robots keep operations running at peak performance.

- **Workflows That Adapt Quickly**

inVia PickerWall can be reconfigured overnight to accommodate changes in order patterns and shift schedules.

- **Dynamic Slotting**

Inventory totes are placed in the optimal position based on real-time order data and prioritization.



Power Up Your Warehouse with Intelligent Automation



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