

Automate Operations and Increase Productivity

Astro is a solution aimed at transforming how we automate and operate on the floor in mission critical situations.



Warehouse Operators



Building Maintenance



Public Safety Officials



Manufacturers



Hospitals

Efficient. Intelligent. Results Driven.

Innovations in hardware, software, edge computing, connectivity, big data, analytics, and machine learning converge to create Astro. Digital Labor – robots, drones, carts, assistants and more - can be remotely operated and stream video, gather sensor data, do surveillance, and complete complex tasks using object recognition, obstacle avoidance, and sophisticated routing and wayfinding. In addition, legacy systems and machines can be outfitted with sensors and RFID to enable smarter production, workflows and process.

Leveraging Edysen, Astro produces a localized secure network with or without Wi-Fi in order to give you the information and agility to capitalize on customer demand and needs. Powerful mobility tools empower workers, boosting productivity in every inch of the warehouse, plant, hospital or building. Astro captures, verifies and mobilizes the data you need to more accurately fill internal and external customer orders from inventory, see what you have and subsequently route where it needs to go in real-time. Deep data integration also enables enhanced safety and increased quality of operations.



Automation with complete interoperability and data integration

Disruptive industrial trends around “digital labor”, including smart sensors and devices, connected machines, intelligent assistants, drones, AGVs, and robots, are redefining the workflow of tomorrow. Today more than ever business owners must look to adopt intelligent solutions before the competition takes over. Data integration and system interoperability is the first challenge. There are a lot of systems and machines producing data, but very few ways to exchange and store information in the standardized way required for adoption of IoT solutions at scale.



Data silos found in IT, operations and the environment make the creation of interoperable systems a complex process. Astro is a smart industrial solution driven by cross correlated data decisions and connected products with the ability to make automated decisions and take actions in real-time. Making machines intelligent and augmenting manual work produces operational efficiencies and increases productivity gains that make a difference.

What can you do with Astro?



Compatible with Edysen

Edysen is a group of smart mesh devices with the ability to create on premise networks. This intelligence enables computing at the edge, inventory tracking, heat mapping, turn by turn navigation, and mobile communication with workforce. Integrates with RFID, NFC, Bluetooth, BLE, Wi-Fi, 3G/4G, Zigbee and more.



AI and Machine Learning

Predictive algorithms, machine learning and AI adjusts routes, predicts maintenance and optimizes workflows and outcomes.



Automation

Run scenarios, optimize and automate prioritization of tasks for workforce to deliver greater value.



Open and Flexible

Customize based on your business needs, integrate with any existing system or process, and extend with APIs as you grow.



Alert Notifications

Pre-scheduled, real-time, geofenced, triggered or event based notifications. Deliver ETAs, maintenance requests, special instructions, re-routes and more.



Less Downtime

Easily locate and triage in minutes point of failure instead of hours or days.



Improve Security

Enterprise grade security from encryption to authentication to identity.



Inventory Management and MES

Provide better control over the quality of products for your customers by providing improved order accuracy and traceability.