

ROBOTICS / IOT

AITHEON | ECOSYSTEM

**Business Automation and Intelligence
from EDGE to Cloud**

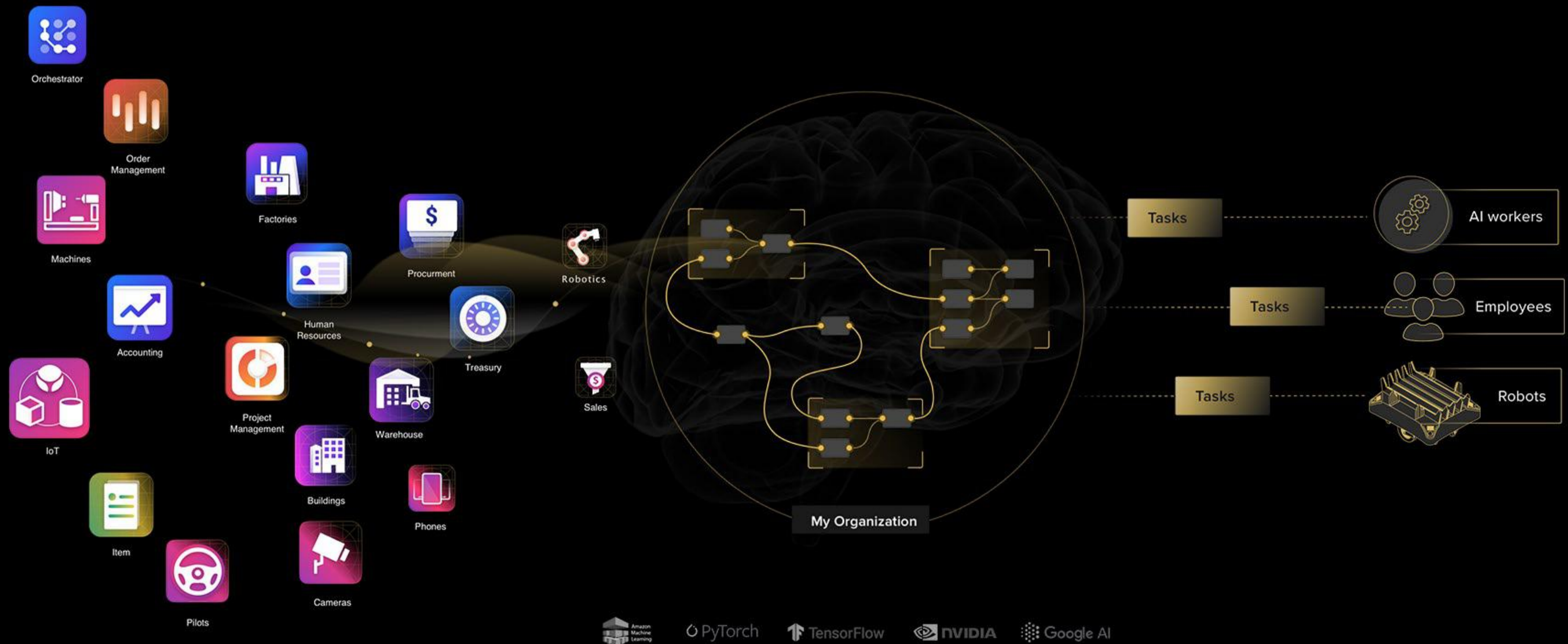
Our Mission

Aitheon's mission is to provide businesses access to business intelligence and automation by offering an easy to use platform containing all of their business system needs, while seamlessly integrating AI and Robotics in a user-friendly way.

Platform Overview

One platform covering all your business system needs

Aitheon's **Patent Pending** platform allows businesses to seamlessly connect all of their software, hardware devices, and infrastructures in one system; And easily add AI, Machine Learning and process automation to businesses using the latest cutting edge technology.



AI-Powered Services

Aitheon allows businesses to work with inbuilt AI-powered Services or any 3rd party applications. The only requirement is API availability.



Project Manager



Warehouse



Treasury



Drive



Order Manager



Smart Infrastructure



Requests



Robotics



Customer Support



Factory



Procurement



Pilot



Marketplace



Buildings



Orchestrator



Machines



Sales



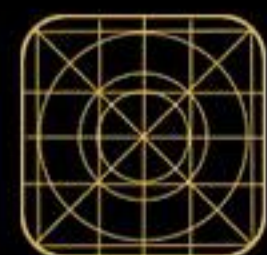
Accounting



HR



IoT

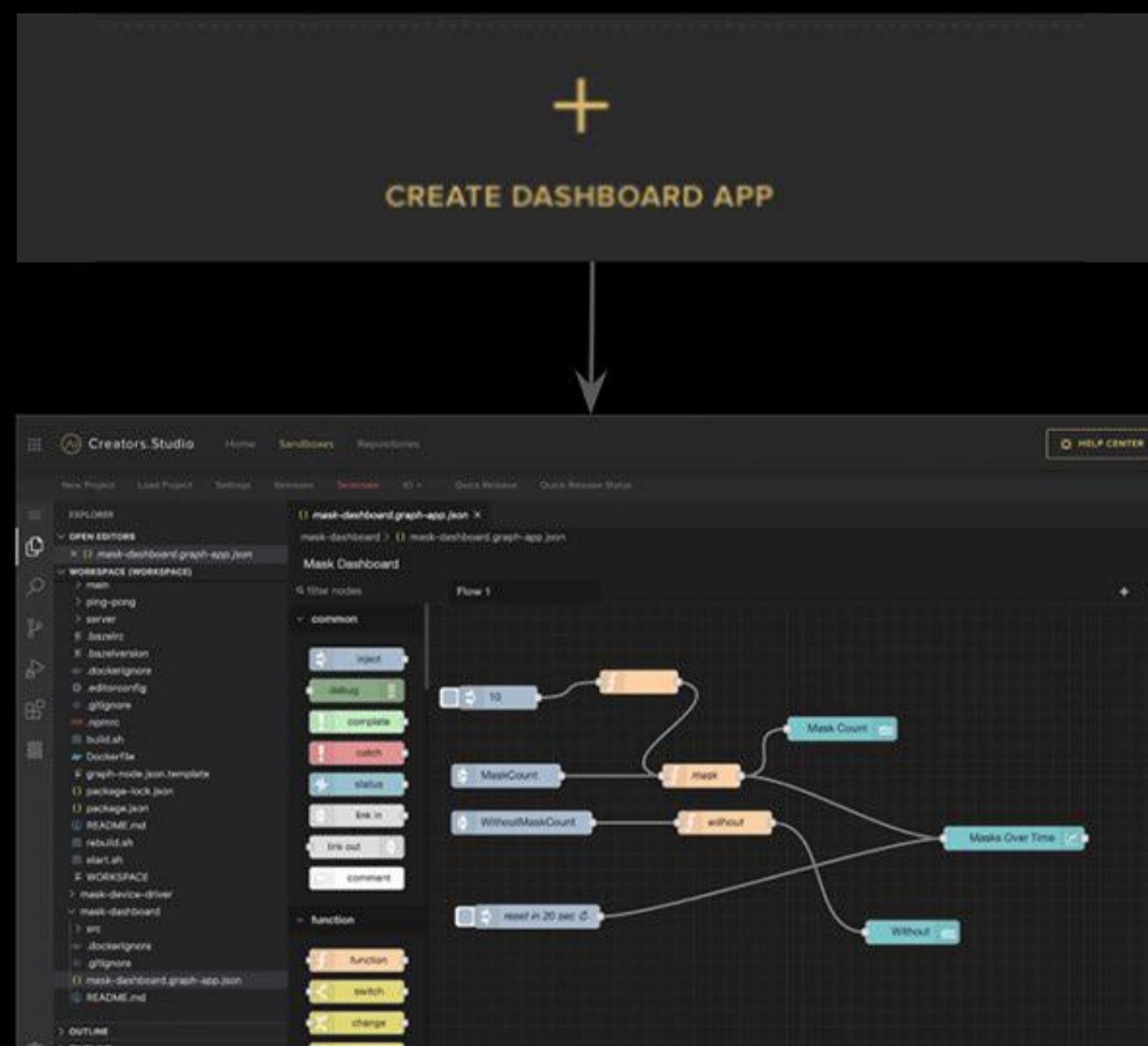


Your own app

AI-Powered Services

Dashboard Apps. Real-time dashboards built into Aitheon Services

Create Dashboard App In the service



Create Dashboard Applications with codeless experience using **Creators Studio** to track the condition of the operations and processes in that service in real time. Make management decisions with accurate real-time data to improve efficiency and optimize your business.



The real time data is displayed directly in the Aitheon Service

Edit Dashboard App Using **Creators Studio Graphical / Low Code Experience**

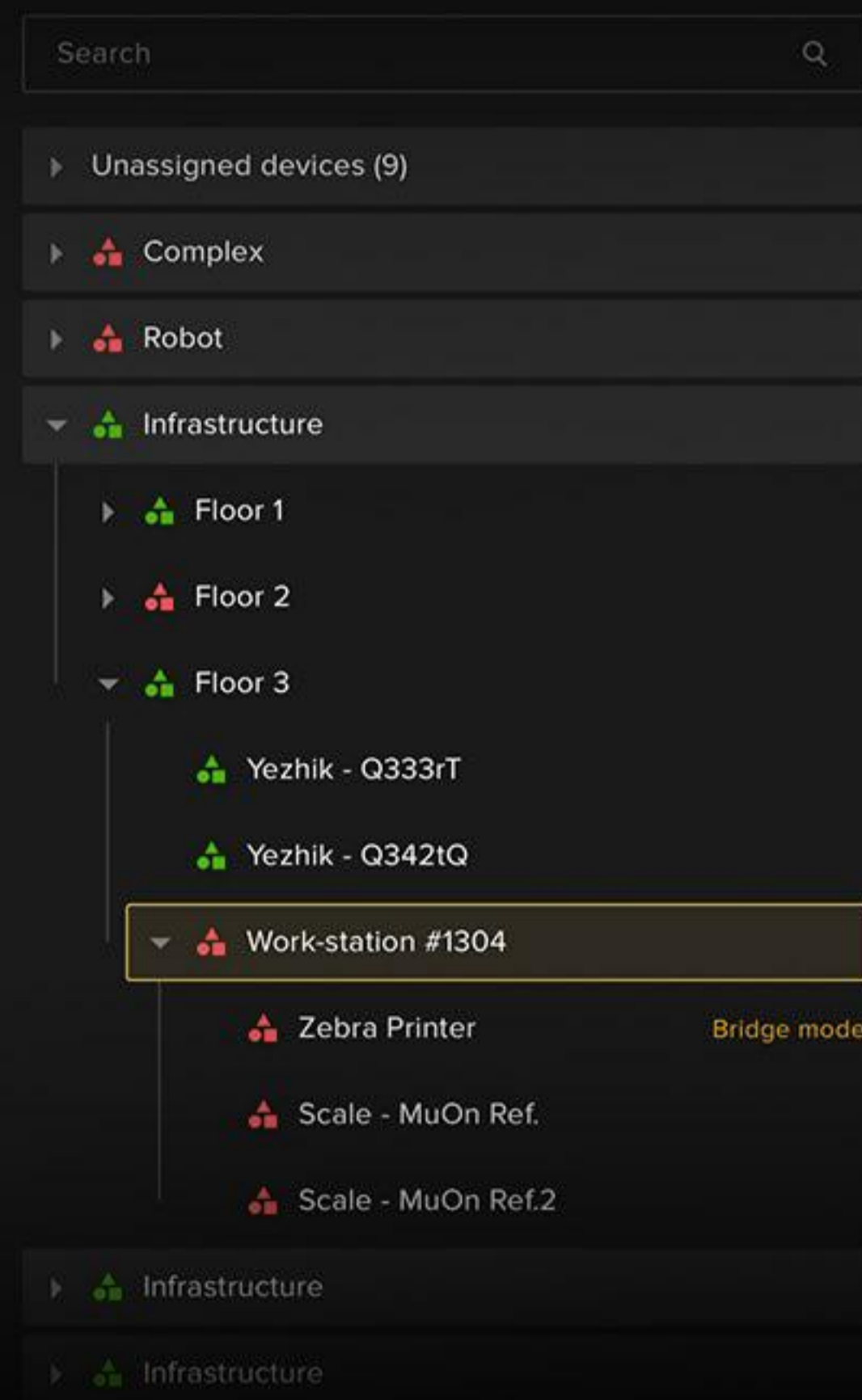
When Saved, the dashboard App is shown in **Aitheon Core to be connected to data sources**



Robotics / IoT

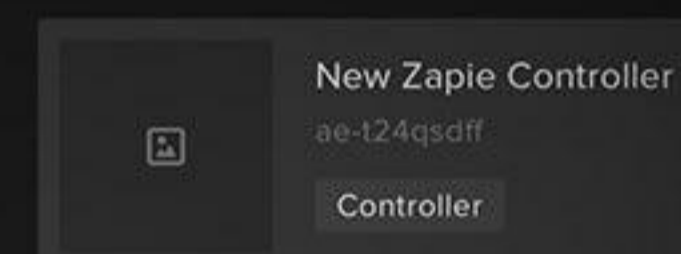
Seamlessly Integrate Robots and Machines by using Device Manager

Devices structure



Work-station #1304

Station Controller



Linked Devices



The world is filled with hundreds of thousands of devices from various vendors, each having its own protocol.

No need to worry. Aitheon Platform helps businesses to take this patchy and poorly connected mess and organize it into a unified ecosystem with simple management tools and a user-friendly interface.

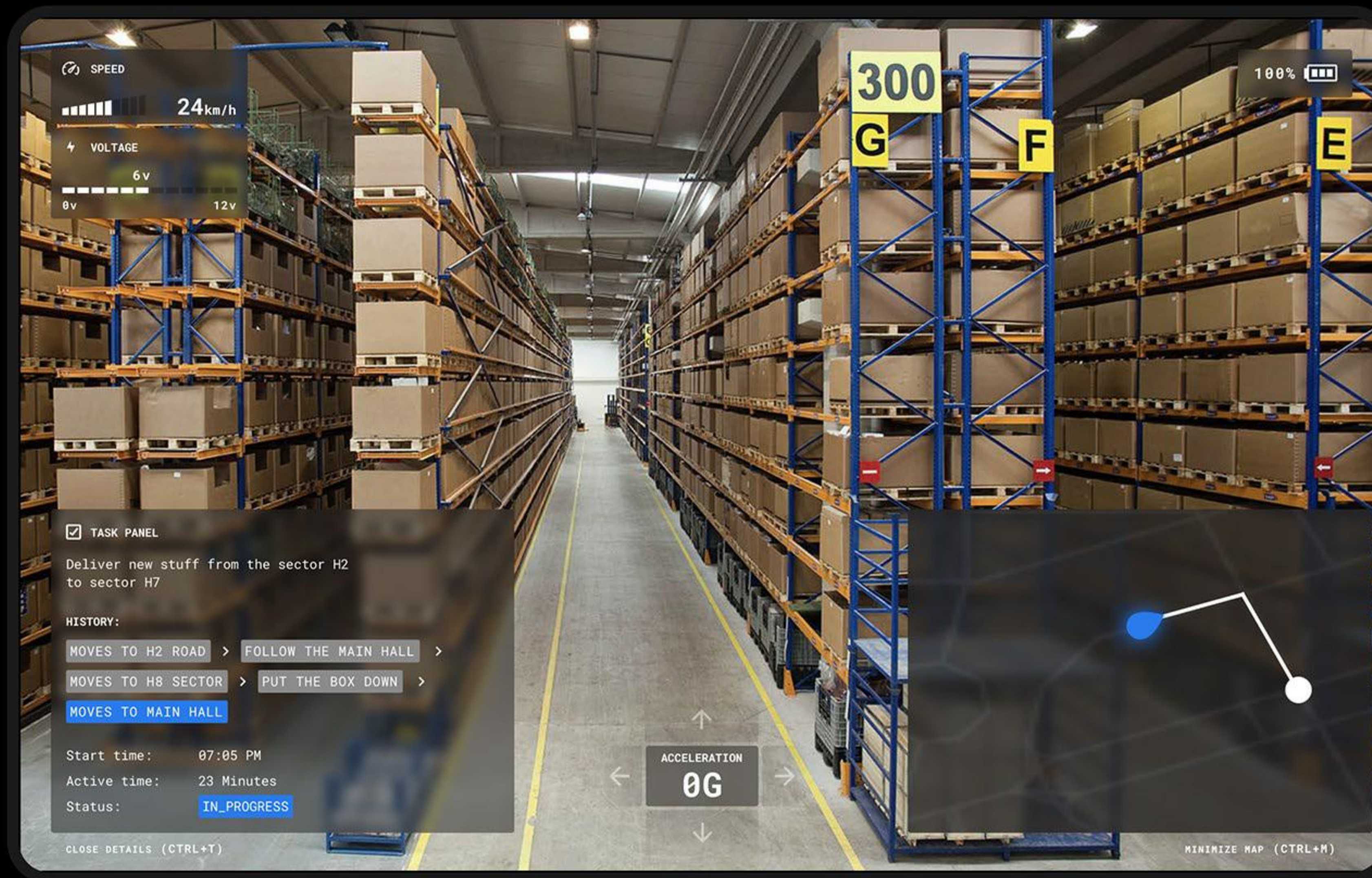
Give your business the upper hand by incorporating robotic solutions into your daily operations, automating a huge number of work processes, and reaching an unprecedented level of efficiency.

Aitheon allows you to easily connect and control all your devices thanks to a number of functions such as the flexible logic configuration of aggregation, routing, and event handling in **Aitheon Core**.



Robotics / IoT

Businesses with remote operations can manage, pilot, and control robots, machines, and IoT devices from the comfort of their office.



MODEL: R2D2

Speed: 20 Km/h
Voltage: 6V
Battery: 100%

MODEL: R2D2

Speed: 0 Km/h
Voltage: 6V
Battery: 15%

MODEL: R2D2

Speed: 20 Km/h
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Creator Studio

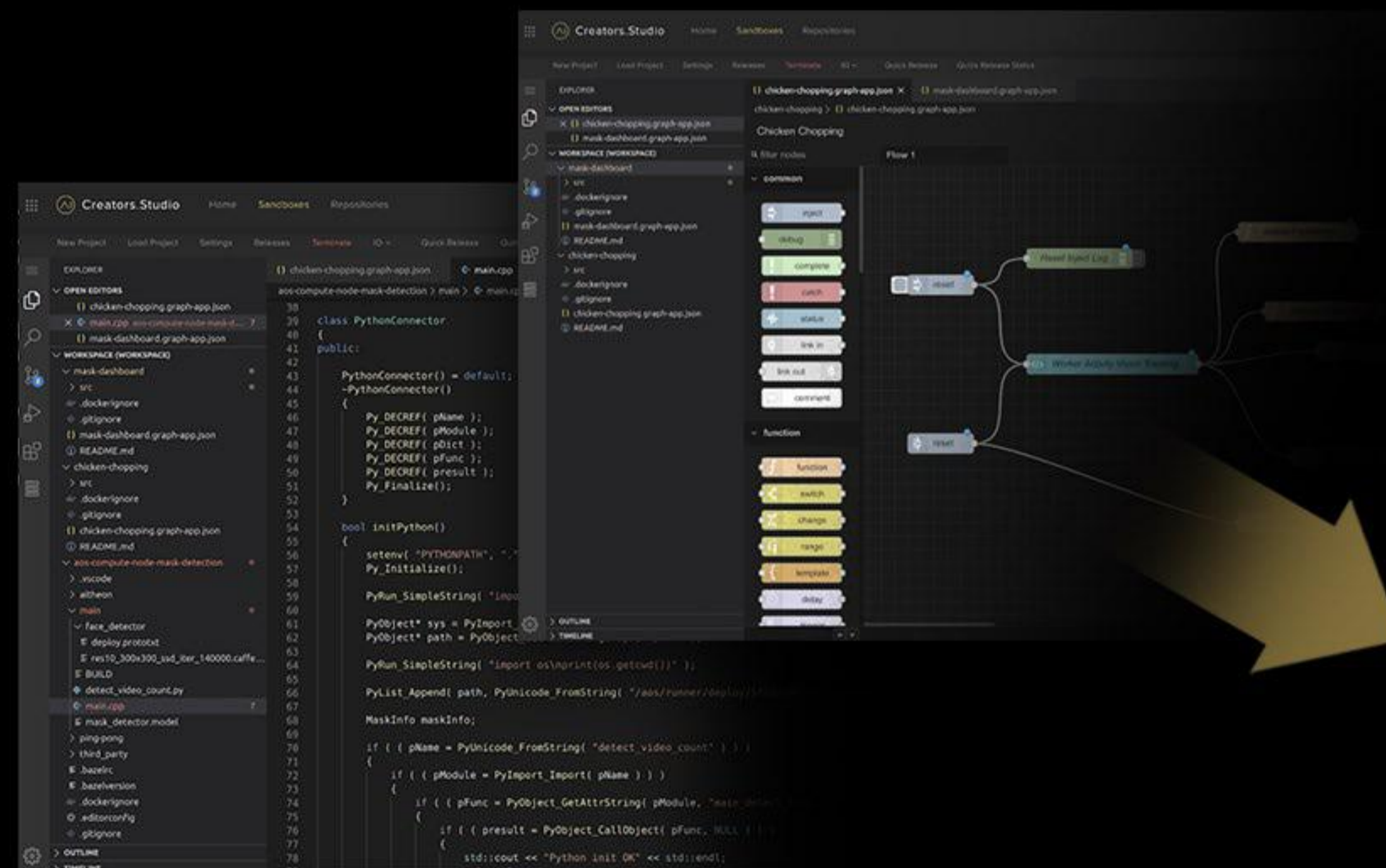
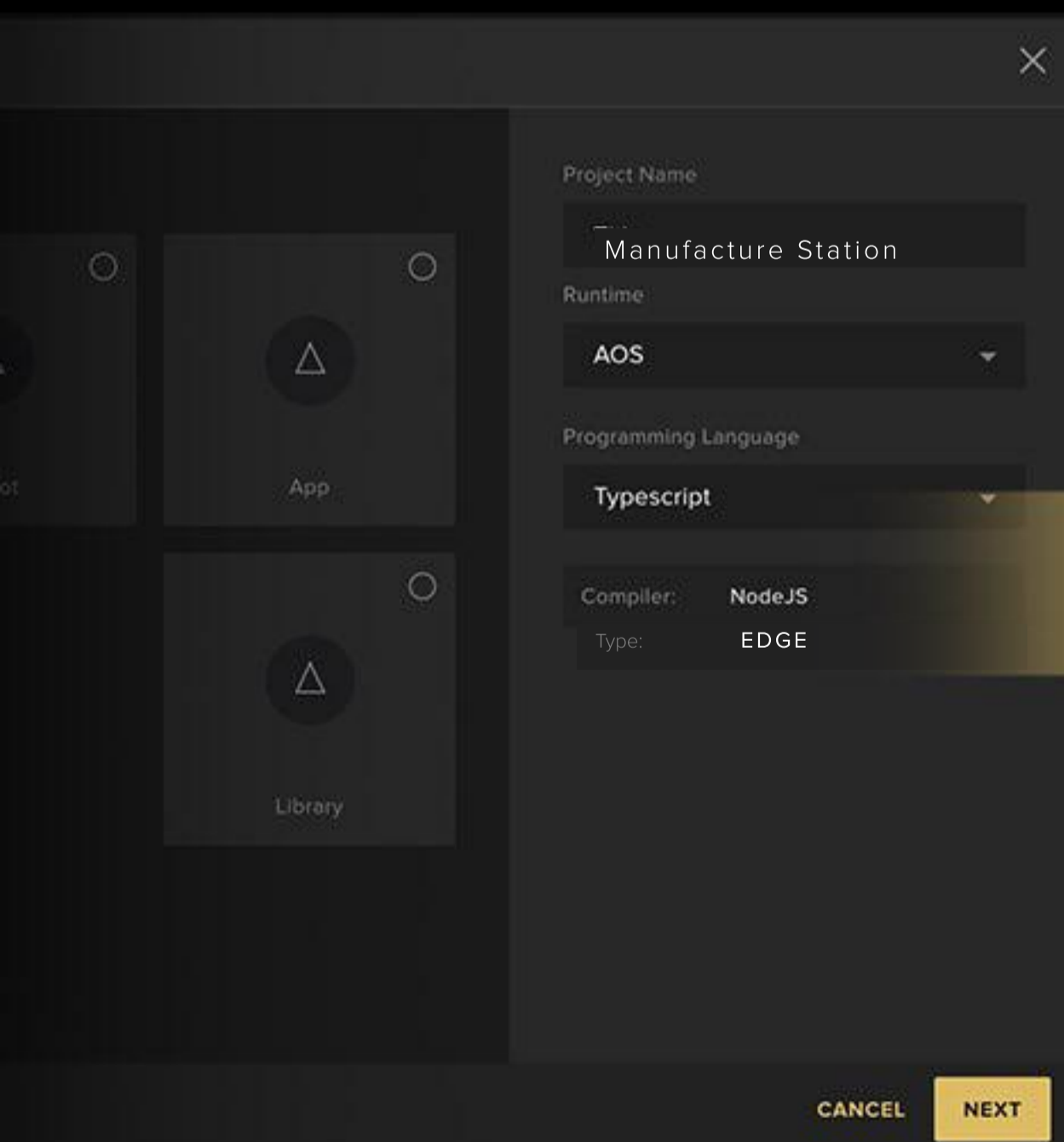
Develop from EDGE to Cloud

With a low barrier to entry and an intuitive interface, Aitheon **Creators Studio** allows to easily create, change and support logic of business processes that control software and hardware with a Full Code or Graphical / Low Code Experience.

With **Creators Studio** all types of applications and AI/ML can immediately be deployed to the Cloud or to EDGE Hardware Devices within the same development workflow

Graphical / Low Code (Javascript)

Create New Project



Full Code (Python / C++ / javascript and more soon!)



Deploy to Cloud or Edge Hardware Devices in a few clicks

Creator Studio

Advantages

- Fully web-based Integrated Development Environment with all of the features developers love.
- Prebuilt sandbox environments let you develop complex AI and ML on any computer you are working from.
- Web IDE allows code from anywhere experience.
- Directly integrated Git Repositories for version control.
- No proprietary Coding Language, use the language you choose.
- Import existing applications and deploy them into the Aitheon Platform using a Docker container
- Built-in continuous integration -> deploy your application after each release
- Using Aitheon Core, large systems become modular and can be broken into smaller projects.

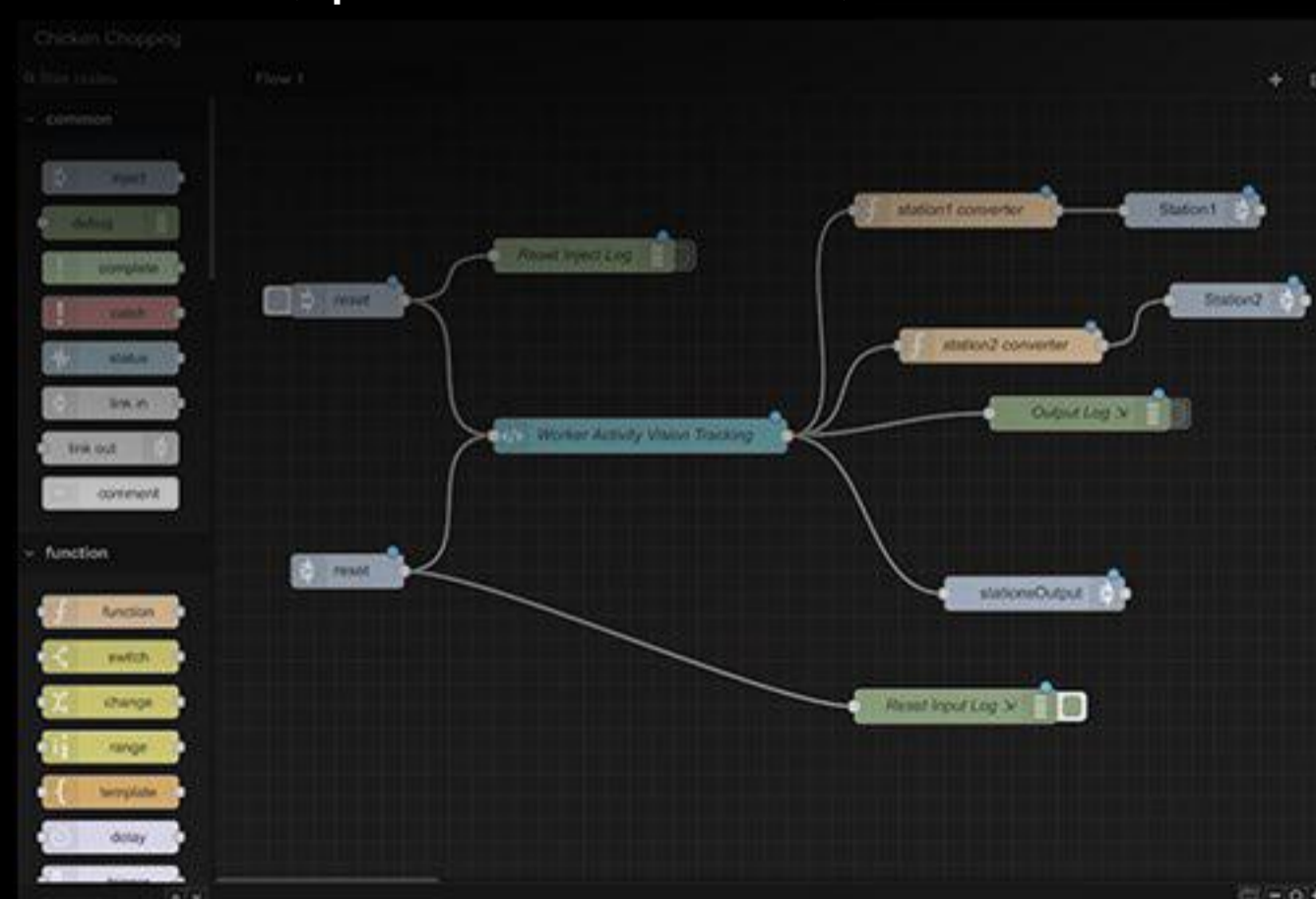
Process Automation

Focus on the process rather than writing code

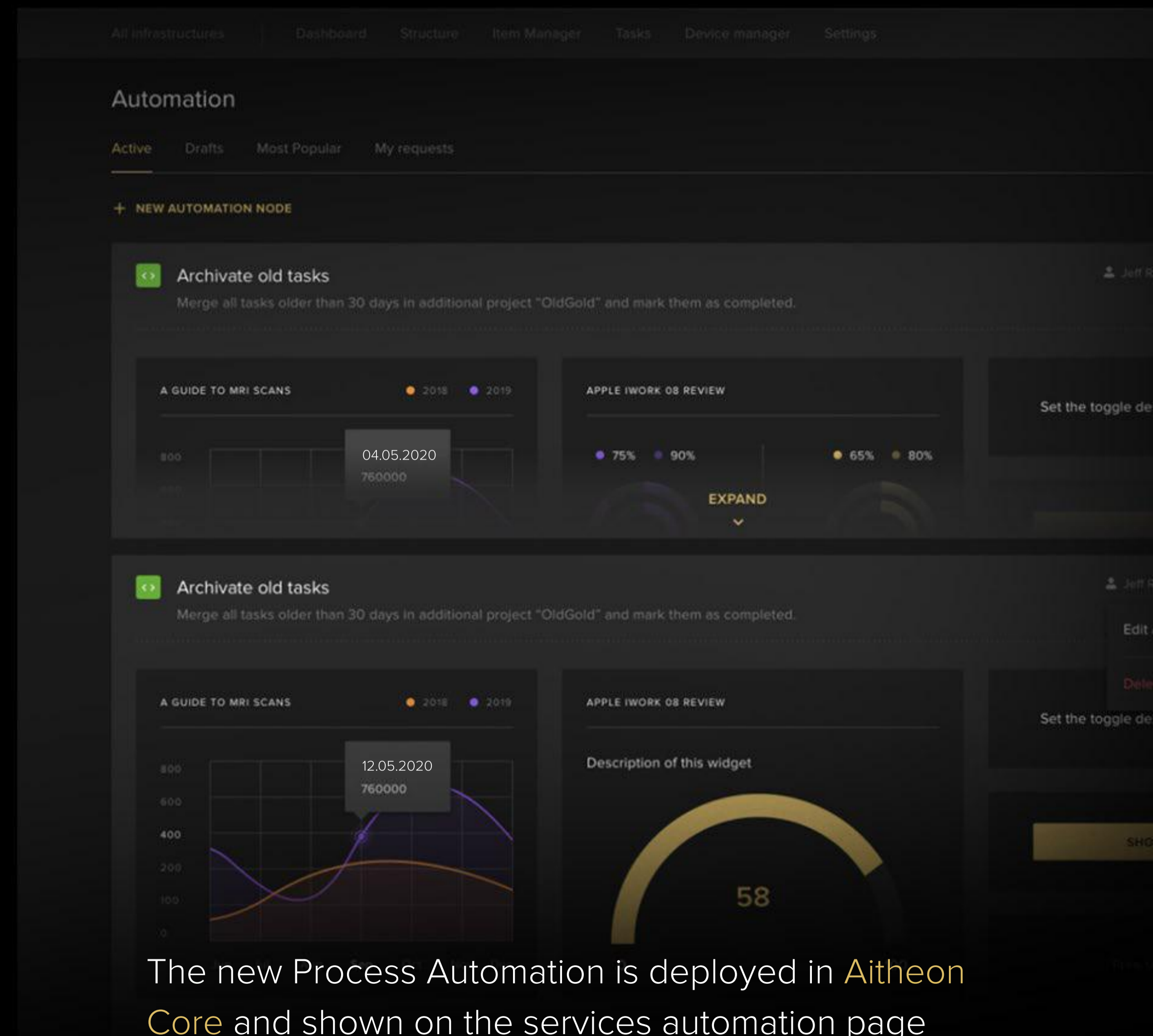
With pre-built components in **Creators Studio**, Creating a new Automation is as easy as making a Mind Map. Deploy your new Automation by one button directly to the **Aitheon Core**

Manage events and configure automatic escalations

Need to get full information and notifications about activity results or abnormal events? With Aitheon, you can easily customize the entire processing, monitoring, and responding to unforeseen situations, such as device failures, errors of external and internal services, process issues, etc.



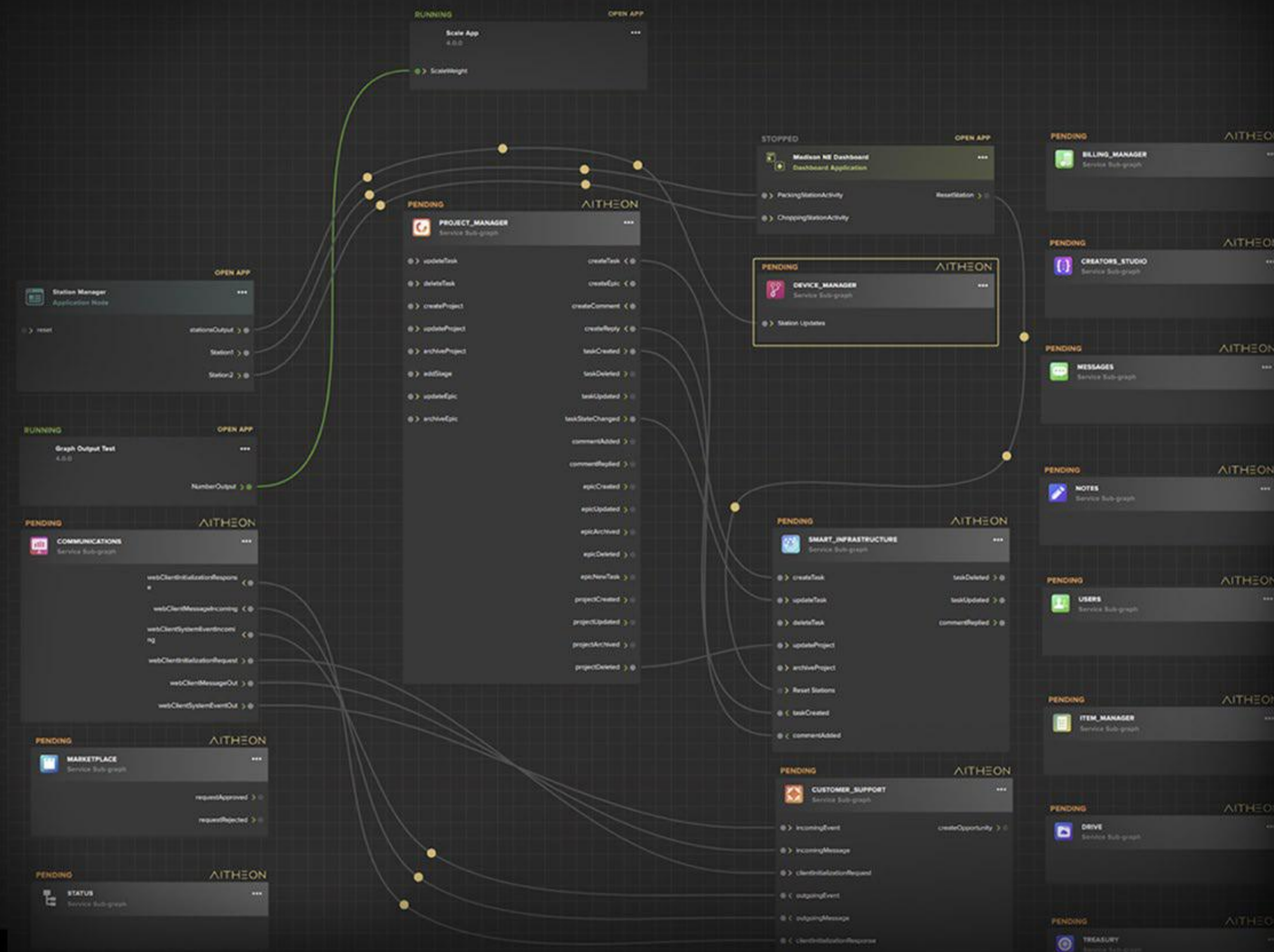
Create Process Automation for a service in **Creators studio**



The new Process Automation is deployed in **Aitheon Core** and shown on the services automation page

Aitheon Core pulls it all together

Tie together any number of services, automations, dashboards, robots and machines in a single interface



Operations, accounting, purchasing, inventory, mobile apps, messengers, robots, machines...this list goes on.

Aitheon helps to organize interaction between all of these programs and allows you to concentrate on the business instead of software integration and communication issues.

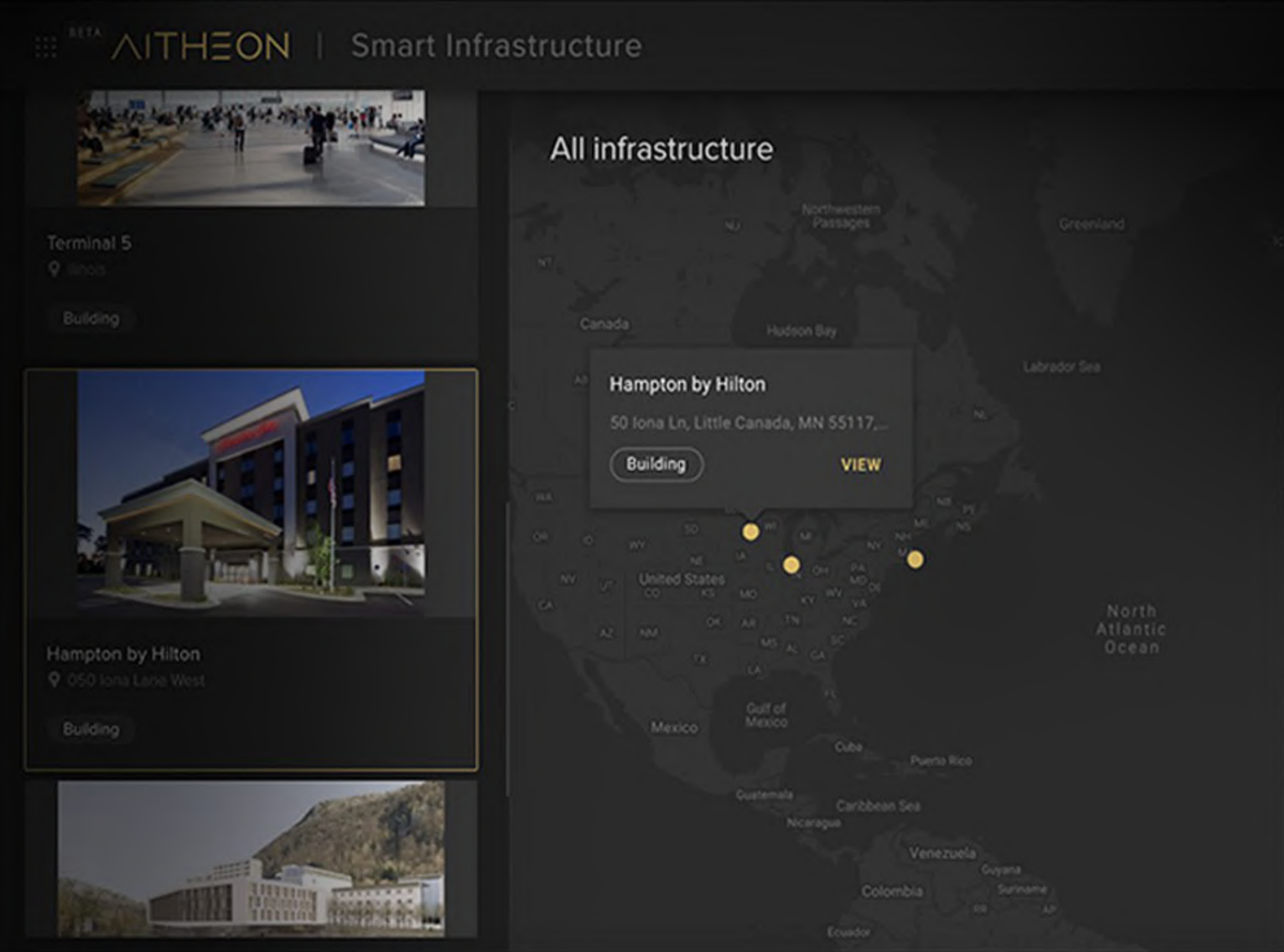
Build Parent - Child relationships between all companies, inside a group of companies, between all departments inside of one company to forget about physical distances; and tie together hardware and software to help them effectively communicate for achieving general / main goals.

Connect factories, warehouses, offline stores, online stores, offices, and any other facilities to manage processes all in one place - **Aitheon Core**.

Aitheon Smart Infrastructure

All of your infrastructure, facilities, and devices connected with an operational overview.

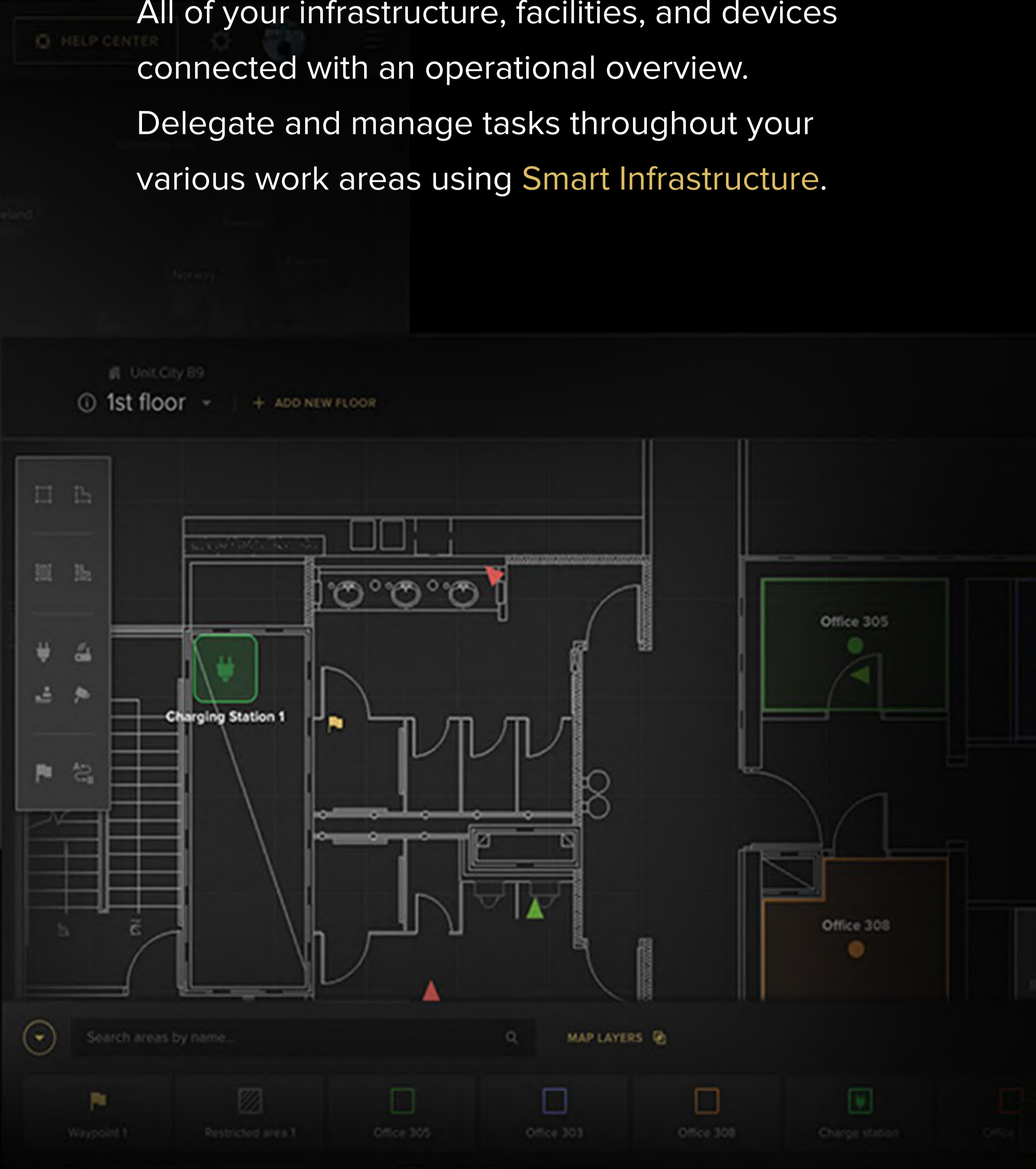
Delegate and manage tasks throughout your various work areas using **Smart Infrastructure**.



Scheduled Tasks Tasks Queue **History**

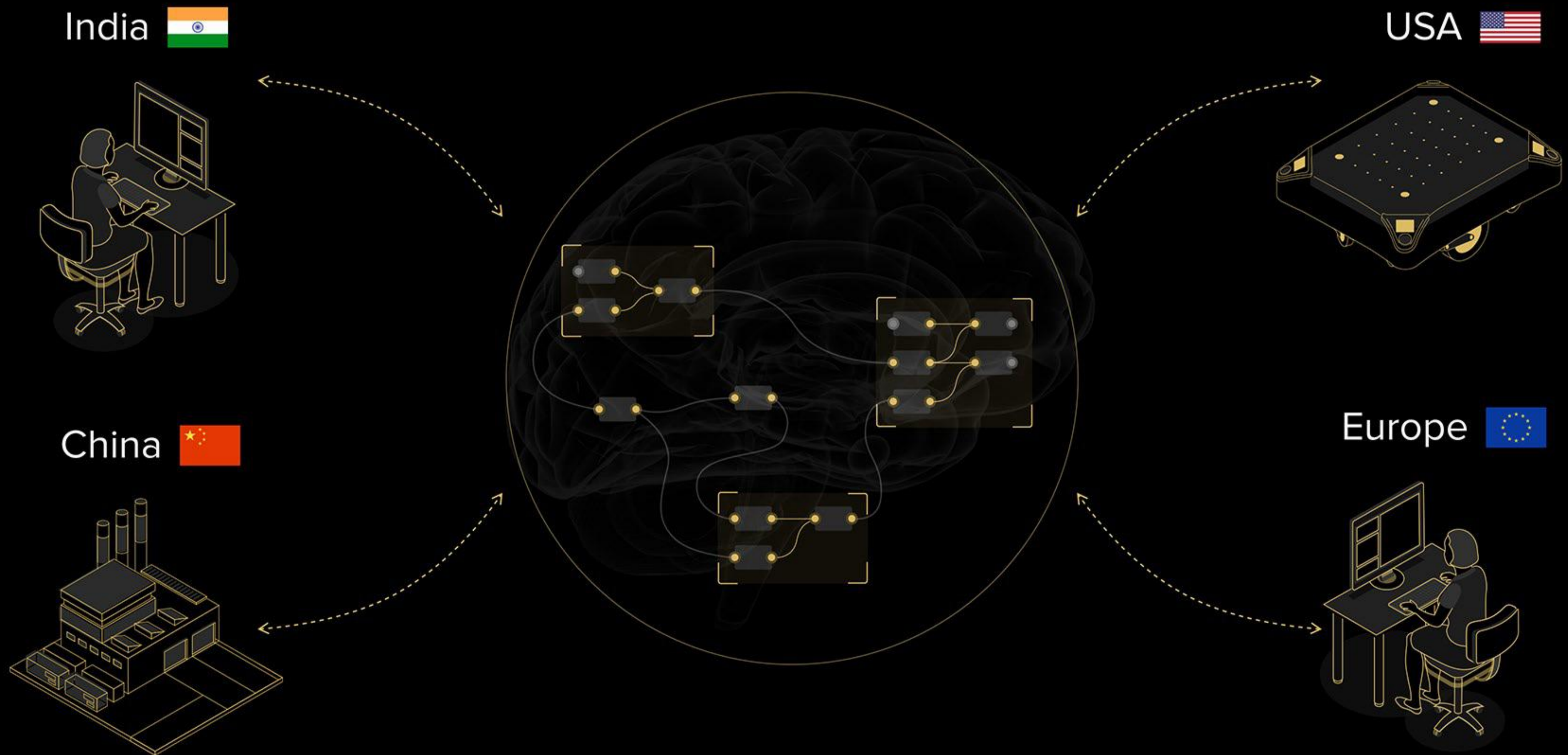
Search + ADD TASK ▼

Task ID	Task Name	Location	Task Type	Start Time	End Time	Assigned Device	Repeated	Status
#110	Clean 404	Aitheon Robotics S...	Clean	7/15/20, 16:37	7/15/20, 16:37	-	-	Completed
#109	Go to 406 1507_17	Dynamics space 5/...	Go To	7/15/20, 16:29	7/15/20, 16:32	Yezhik UVD OD...	-	Canceled
#108	Go to 1507_16	Dynamics space 5/...	Go To	7/15/20, 14:50	7/15/20, 16:29	Yezhik UVD OD...	-	Canceled



Business continuity

When unforeseen disasters strike, Aitheon keeps businesses running through seamlessly organizing workloads across available employees, AI, robots, and facilities globally to keep the company connected and operations producing.



// Integration Stages

Let's get started!

Exploration

1 week

- › Defining strategic needs and desired outcome;
- › Auditing existing processes that require improvement;
- › Identifying key people responsible for communication with Aitheon;
- › Defining the criteria for success;

Modeling

2 weeks

- › Designing processes specifications;
- › Mapping out the processes;
- › Defining priorities for processes improvement;
- › Creating automation roadmap.

Implementation

Up to 4 weeks

- › Building automation flows;
- › Migrating data;
- › Creating end-user training;
- › Setting up Mission Control team

Testing & Launch

Up to 3 weeks

- › Verifying that automation is implemented according to the specifications;
- › Conducting user acceptance testing and having key people in the organization confirm that processes are automated according to their expectations.

Maintenance & Support

8 weeks

- › 60 days support to eliminate bottlenecks and fix issues emerging from the integration if any;
- › Measuring progress according to the defined success criteria
- › Making our Success Team available 24/7 for any ad-hoc consultations.