

Build faster, cheaper, simpler, reliable and scalable projects for the Internet of Things



Carriots is an **Application Enablement Platform (AEP)** specially designed to develop, deploy and maintain **Internet of Things (IoT)** projects.

Carriots makes it very **easy to collect data** from your connected objects, store it, and build powerful applications. Using a simple development environment and robust APIs you can **accelerate your application development** and easily integrate it with other IT Systems on your project.

Carriots architecture **scales to meet any demand**, whether you're serving several devices or several million.

BENEFITS OF USING CARRIOTS:

- **OPEN PLATFORM:** Carriots is designed to be very open and easily integrate with any IoT device or external third-party software application.
- **EXPERTISE:** Carriots is a horizontal platform that has proved its maturity in many different Industrial IoT sectors with a large customer base.
- **CLOUD NATIVE:** With immediate scalability, there's almost no limit to how quickly your app can scale. Our platform can scale up to hundreds of millions of devices and customers.
- **SECURITY:** Carriots also focuses heavily on Security by implementing the best practices and technologies available.
- **END-TO-END LIFE CYCLE MANAGEMENT:** Carriots seamless integration with the rest of Altair tools for product design like HyperWorks and SolidThinking. Carriots is the gateway to create Digital Twins of your products and provide a full Life Cycle Management from product design to on-site operation.
- **REDUCE TIME OF DEVELOPMENT TO THE MINIMUM:** Our platform provides lots of modules that are common to any IoT project like Data Collection, Data Storage, Security, Device Management and many more.
- **MULTIPLE PROJECTS MANAGEMENT MADE SIMPLE:** Carriots includes a 7 level project hierarchy to build projects for different customers and deploy as many IoT applications as needed.

Device Management



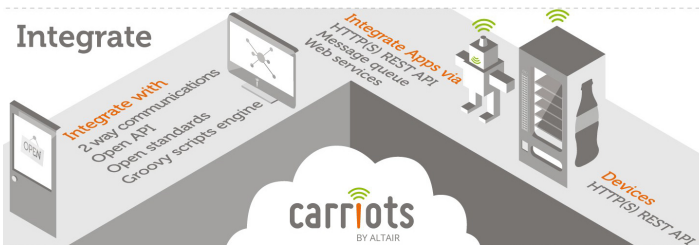
- » Check status
- » Change configuration
- » Upgrade software

Remote Control App

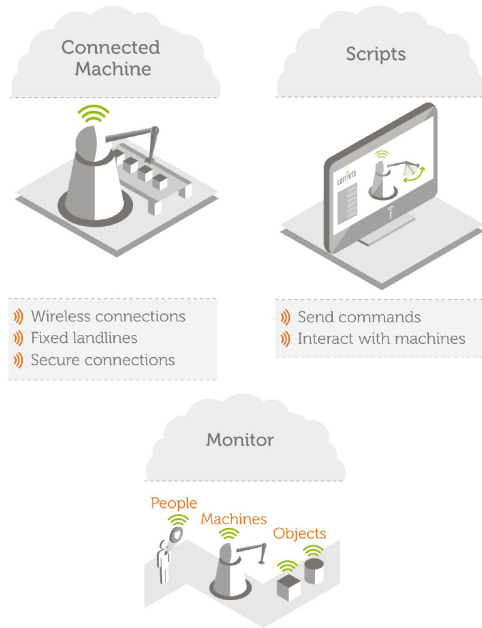


- » Regardless of location
- » Remote maintenance
- » Automate processes

Integrate



USE CARRIOTS IN 3 DIFFERENT DELIVERY MODES



TURN-KEY PLATFORM AS A SERVICE: A worry-free hosting software as a service with global infrastructure delivering seamless scalability. You don't have to buy or maintain any infrastructure. You can start prototyping and running your application in a matter of hours. Follow a pay as you grow model for a lean and effective development.

ON-PREMISE OR PRIVATE CLOUD: Deploy Carriots software on your own IT infrastructure, on your own Data Centre or preferred Cloud provider. Customize the deployment to meet your requirements: privacy, legacy tools/libraries, compliance, etc.

VIRTUAL OR PHYSICAL APPLIANCE: Predefined standard deployments that include the hardware or cloud infrastructure. The perfect sand-box to start creating your projects under full control.

CARRIOTS MAKES IT FAST AND EASY TO CONVERT YOUR IOT OR M2M IDEAS INTO REAL PRODUCTS USING THESE MODULES:

DATA COLLECTION: Whether it is data from your sensors or status information from your device you can send all the data to Carriots. Connect your devices to the Internet and use MQTT protocol or our HTTP RESTful API to push XML or JSON encoded data from your devices to Carriots platform. Your devices can send any data structure. Secure your data using HTTPS and add further security measures like data encryption and checksums. It's very simple, secure and extremely fast!

DATA STORAGE: Carriots has a built-in huge NoSQL database that can store very large data sets with at least two independent replication sites, with high transactional capabilities. Access your data with PUSH and PULL strategies through our APIs. Take control of your device data and use it to script actions or set alarms. You can choose to keep all that data private for your apps or to publish it.

APPLICATION ENGINE: A great and powerful feature in Carriots is the capability to write and execute your code in our App Engine to create the logic for your applications. Write Groovy (Java) scripts and combine them with our powerful SDK to execute any kind of action in your app. Run it in the cloud and forget scalability and complexity issues, just keep it simple and powerful.

DEVICE MANAGEMENT: Using Carriots Device management module and the 2-way communication protocols you will take full control of your machines. You will be able to remotely maintain, control and interact with your devices regardless of their location. Individual, massive, scheduled, checked management of your IoT devices from one single place. Use Carriots to:

- Check the status of your devices
- Change configurations on your devices
- Upgrade firmware software of your devices

PROJECT MANAGEMENT: Are you involved in multiple IoT journeys? Carriots can manage them in a way that users and devices will only see its own universe or you can let projects interact with each other.

Carriots handles the complexity of IoT projects and make them easy to deploy, but we are sure that you want your data go far beyond.

CHECK CARRIOTS ANALYTICS: An extremely powerful analytics and visualization tool, seamless integrated with Carriots.

More information and a free trial available at CARRIOTSANALYTICS.COM

FREE TO TRY! Go to CARRIOTS.COM and get a FREE account to start creating your IoT applications with Carriots (No credit card required)

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