



**CARGOCAST**

A Channel Partner of RF Controls

**Overhead RFID Smart  
Logistics Platform & Atlanta  
GA Innovation Center**

# Cargocast Launches RFID Based Smart Logistics Platform & Atlanta GA Innovation Center

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“With real-time, pinpoint location accuracy data from RF Controls CS Smart Antennas, which hang from the ceiling, we can determine the location of freight, forklifts, employees at all times in the warehouse using low-cost RFID (Passive UHF) tags. Our solution integrates a continuous, always-on data stream to automate piece counting, perform manifest reconciliation, and optimize cross-docking” says Cargocast CEO Dan Diephouse. “The key performance characteristics of RF Controls is the antennas capabilities to be installed at any ceiling height from 10ft to 50 ft thus reducing environmental challenges inside industrial facilities. The combination offers the accuracy of Active RTLS, but with an RFID tag that can be sub ten cents.”

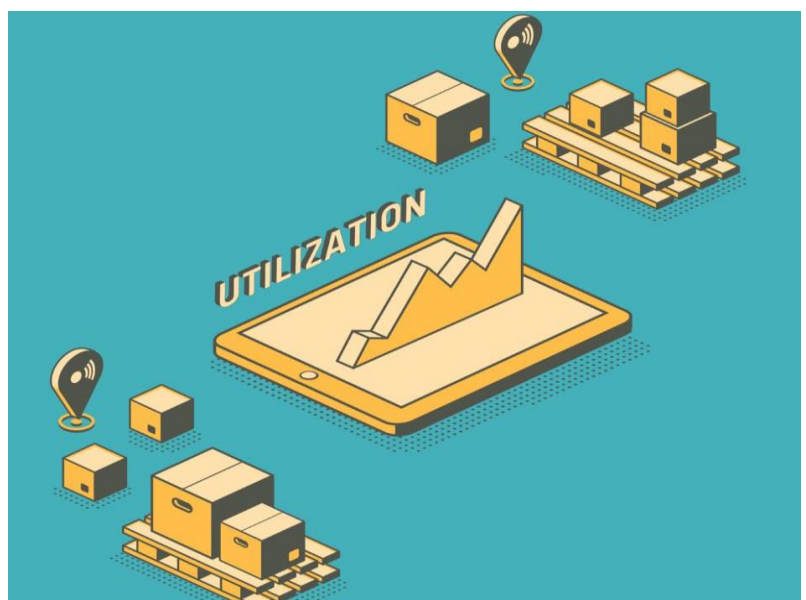
Automating warehouse operations can have a major impact on accuracy and save millions annually, resulting in:

- 90% reduction in time/labor piece counting
- 99% elimination of manifest-related errors, claims, and penalties
- 50% increase in picking efficiency
- 50% increase in cross docking efficiency
- 10% increase in loading dock capacity

A significant reduction in fleet assets both up and downstream, such as trucks & airplanes should also be factored into the ROI calculation as asset utilization is improved.



RAIN RFID (Passive UHF) tags are identified, located and tracked using overhead CS-445B Smart Antennas. Both wide-area and dock-doors configurations are demonstrated to showcase wall-to-wall coverage





Cargocast is also working alongside RFID tag suppliers like Avery Dennison (NYSE: AVY) to select, test, and supply the best RFID tag to drive high accuracy and accelerate global adoption “With the market on track to consume 20B tags in 2020, RAIN RFID is becoming ubiquitous and logistics is a major growth area,” says Jason Ivy of Avery Dennison.

Cargocast provides a complete, out of the box digital solution that can be configured and installed “in a matter of days or weeks” says Diephouse. “It’s as easy as changing your light fixtures and running PoE cables across a digital ceiling. The combination of our installation partners and long-term hardware leasing programs, this can lead to an immediate ROI within the first quarter.”

Whether it is a “black swan” event like COVID-19, trade war, regulatory change, labor dispute, sudden spikes in demand, or supplier bankruptcy, organizations that deploy digital supply networks will be more equipped to deal with the unexpected.

Cargocast is offering free ROI assessments for supply chain providers to transfer knowledge and help them understand how the solution works and the benefits that can be delivered almost immediately. Cargocast operates a real-world 10,000+ sq ft. innovation lab in Atlanta, GA where it performs development and industry demonstrations for channel partners and end-customers. All are welcome to visit our ubiquitous wall-to-wall overhead passive RTLS RFID solution!

## CS Smart Antenna

### Impressive Performance

#### Passive RTLS Reader + Phased Array

#### CS-445B



Read Distance (ft)	45
Install Height (ft)	10 – 30
Location 2D/3D (ft)	1.0 – 1.5
Data & Power	PoE

#### CS-490



Read Distance (ft)	90
Install Height (ft)	20 - 50
Location 2D/3D (ft)	1.0 – 3.0
Data & Power	PoE

## Low-Cost Battery-Free

### RFID (Passive UHF)

20 Billion Produced Globally 2019



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New York hedge fund managing \$36B AUM