

## RETAIL SUCCESS STORY

### PROJECT NAME :

Track it. Don't chase it.

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### CLIENT INDUSTRY:

A Large US Retail Chain

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### PROJECT OBJECTIVE :

Utilize IoT technology solutions to solve supply chain asset and inventory problems. Specifically, innovative methods of maintaining stock level, and indoor positioning of inventory items for a large United States retailer.



## Inventory and assets don't “disappear” within stores anymore. So how can Apptricity's IoT (Internet of Things) systems solve retail supply chain problems so efficiently?

The integrated Asset and Inventory Management software, together with its I-Connect family of IoT-enabled devices, is a best-in-class solution for retail clients needing real-time visibility. Location, positioning, tracking, and accounting for assets and inventory can be easily accessed for retail segment users of all types.

This large retailer's need was no different than most current retail businesses. Supply chain issues usually need deep inventory and stocking functionality to avoid product shrinkage and black holes in their visibility. So how does Apptricity's Inventory Management solution provide answers? It's as simple as “tagging and tracking.”

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P : +1-214-596-0601

E : [info@apptricity.com](mailto:info@apptricity.com)

W : [www.apptricity.com](http://www.apptricity.com)

220 E. Las Colinas Blvd

Suite 400 Irving, Texas

75039, USA

# APPROACH

## Preventing Out-of-Stock Issues

Apptricity solved the retail store inventory issue by tagging inventory items with RFID or Bluetooth® tags. At the same time, network controllers with scanning abilities transmit real-time data about location and current inventory stock data for all tags. The tags in the system are connected to a specific product SKU number and identity. A product's tag can be scanned automatically or by a handheld smart device. All data is merged, and inventory can be visualized on a map with the current stock level at every location. In addition, returned merchandise is scanned and then goes into the refurbishing process. Further, data collection provides meaningful metrics for inventory trends and stock forecasting. Efficiencies and ROI are afforded by decreasing "shrinkage" and fine-tuning inventory levels and purchasing patterns.



## Losing Items at Warehouse and Retail Stores

Apptricity understands the importance of having the right amount of inventory in the right places and at the right times. With this solution in place, out-of-stock issues were solved. But what's the good of having the inventory if you can't find it in your store, warehouse, or supply hub?

"The POS (point-of-sale) system shows we have 6 in stock." - Retail sales associate

The POS is probably right, yet due to misplacement, employees spend countless hours of wasted time tracking down specific items. Apptricity implemented a solution with I-Controller devices that required no manual interaction. Products are where they are supposed to be, and in the correct inventory amounts.

The inventory items with RFID or Bluetooth® tags are instantly tracked as they move across the location. Users find exact insights into inventory location without needing to search manually and physically in the storeroom or warehouse. Users can also merge data for a complete visualization of one retail location or every retail location. A global image of the inventory can easily be ascertained.

## CONCLUSION

**Apptricity's devices and software streamline the retail supply chain into an efficient and transparent, real-time operation.**

The Apptricity suite of devices and software helps retailers like yours optimize its retail store inventory and its warehouse inventory.

The application can run as a stand-alone platform right "out of the box" or integrate with existing ERP systems. Above all else, Apptricity places clients' needs at the forefront of everything. We track our clients' assets like they are our own.

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Suite 400 Irving, Texas  
75039, USA

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