

Frequentiel Octo+

RFID Software Designed for Selling Everything, Everywhere

Frequentiel OCTO+ is a best-in-class RFID software platform designed to enable retailers to create the item-level inventory foundation for their successful transition to unified online and offline retail. For over 10 years, it has enabled leading retailers to gain item-level inventory superpowers and Sell Everything, Everywhere.

Reinvent Your Business Around Item-Level Inventory

- Capture, consolidate, and distribute millions of item-level data points.
- Standards-based, designed to scale.
- Designed to integrate seamlessly with your current IT systems.
- Streamline routine tasks and enable your staff to focus on the customer.
- Improve revenue and operational efficiency due to improved visibility, accuracy, and control of end-to-end inventory flows – from factory to storefront.
- Provide your customers with innovative omnichannel retail experiences.
- Gain the data and insight to constantly perform better.



Sell Everything, Everywhere

Never Lose A Sale

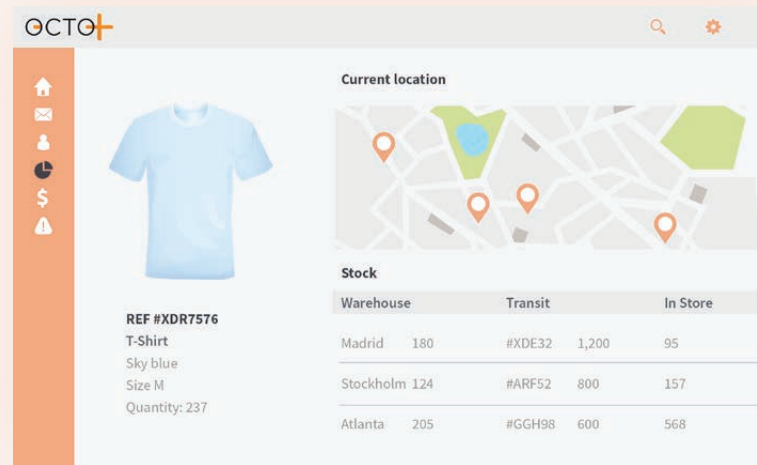
With a 360°, real-time picture of inventory availability, OCTO+ gives you confidence that any given item really is where it should be, whether it's on order, in the storeroom or on the retail floor, so that you never needlessly lose a sale.

OCTO+ gives you an accurate view of product availability that takes into account shrinkage and displacements that cannot be seen by POS or ERP systems.

Avoid the practice of overstocking to cover usual stock margins of error. Save on working capital, avoid clutter, and reduce reliance on markdowns.

- Avoid stockouts.
- Ensure planogram and merchandising compliance.
- Be alerted to discrepancies.
- Automate reordering and replenishment (NOSBOS functionality: Not on shelf but on store).

> **OCTO+ customers report a unified view of inventory accuracy over and above 98%.**



The screenshot shows the OCTO+ interface. On the left is a navigation menu with icons for home, messages, user, analytics, currency, and alerts. The main content area displays a blue T-shirt with the following details: REF #XDR7576, T-Shirt, Sky blue, Size M, and Quantity: 237. To the right is a map titled 'Current location' showing several location pins. Below the map is a 'Stock' table with columns for Warehouse, Transit, and In Store.

Warehouse	Transit	In Store
Madrid 180	#XDE32 1,200	95
Stockholm 124	#ARF52 800	157
Atlanta 205	#GGH98 600	568



Streamline Routine Processes

Remove friction from your routine processes. Streamline and control your end-to-end retail inventory flows, from the docking bay to the check out and everything in between.

Take inspiration from the techniques of intralogistics, the inventory-tracking methods developed for fulfillment centers, and transpose them to a less controlled environment where shoppers come into play.



Perform Lightning-Fast Stocktaking with the Wave of a Hand

Perform lightning-fast stocktaking with fewer resources, without disturbing merchandising, and even with customers present.

With the vastly improved speed offered by RFID over barcodes – more than 100 times faster – you can perform inventories covering all of your stock as you would perform periodic counts. This is a world away from having to close your store to perform a seasonal or twice yearly physical inventory.

This possibility of real-time, ubiquitous item-level tracking enables a true paradigm shift: You can gain a real-time operational picture of inventory and not just an accounting one.

- Faster, less labor intensive.
- More accurate data.
- Real-time tracking.
- No more need to disturb merchandising or even close the store.



Smart Scanning Apps

OCTO+ inventory apps memorize items that they have scanned before. This means you can scan articles without having to physically isolate them from surrounding ones.

Because connectivity depends on where you are in the store, especially in basement or backroom storage areas, where there are often Wi-Fi or cellular dead zones, OCTO+ mobile data capture apps also work offline. They can synchronize both wirelessly or when the reader is placed on its docking station.

- Ability to perform “needle in the haystack” searches to locate misplaced items.
- Automatically see stock-count discrepancies.
- Ability to work without network connectivity.
- Work across a broad range of devices.
- Exception-based scanning and goods receiving processes.

Delight Customers, Everywhere

Deliver Unified Retail Experiences

OCTO+ lets you know exactly what items you have on hand at all times. Gaining a universal item-level view of inventory no matter where it is located is a requisite for connecting in-store and digital shopping experiences.

Examples of omnichannel retail initiatives that OCTO+ enables include:

- E-reservation.
- Click and Collect (BOPIS - Buy Online Pickup In Store).
- Ship-to-store.
- Ship-from-store including ultra-fast last mile delivery services.
- Reverse logistics: Flexible returns / Return to store (BORIS), etc.
- Advance placement and stock repositioning on demand.
- Clienteling and assisted selling applications.
- Apps (connected displays, mirrors, fitting rooms, contextually aware apps on the customer’s smartphone).
- Product recommendations based on item mix without the need to identify the shopper and access his or her CRM profile.
- Self-checkout or staff-facilitated line-busting applications.
- Communicate in-store product availability or unavailability to online visitors.





Improve Merchandising and Assortment

RFID enables you to read the whole contents of a whole shelf or a rack at a distance with a single wave of the hand. You can enforce merchandising rules such as making sure the right products are located in the right racks and facings. In the fashion apparel industry, this lets you ensure that the right mix of sizes and colors for a given collection is adhered to.

- Avoid stockouts.
- Avoid overstocking on purpose to compensate for lack of inventory accuracy.
- Check prices and discounts.
- Ensure sell by dates are respected.
- Produce preparation lists of items to retain, remove, replenish or reorder.
- Automatically produce reports for head office.



Free Staff to Focus on the Customer

Your greatest assets in the transformation of the in-store experience are your customer-facing staff. By automating routine stock management tasks, OCTO+ ensures store assistants spend more time engaging with customers and on selling.



Let OCTO+ do the Heavy Lifting

The role of the store is changing — and so is that of the store assistant.

Improve staff safety and satisfaction by reducing the need for lifting, unboxing and other repetitive actions. Instead, free your staff to engage with the customer.

OCTO+ even provides your team with apps that let them fulfill new omnichannel retail-type tasks such as ship-from-store preparation and handling in-store returns with minimal effort.



Enjoy Point-and-Shoot Simplicity

OCTO+ mobile apps are a snap to use by non-tech users.

They offer an intuitive app-centric or task-centric interface that requires little or no training.

Importantly, our apps also provide full compatibility for barcode scanning: This means you can also manage typical barcode-based manual operations from the same intuitive environment.



OCTO+ includes the following apps as standard:

- Goods receiving and expediting.
 - Seamlessly support new omnichannel retail workflows.
 - Enjoy seamless integration with RFID tunnels and portals.
- Inventory and stock counts.
 - 100 times faster than barcode-based processes and nearly 100% accurate.
 - No need to displace merchandising or to close the store.
 - Scan boxes, crates, racks or facings with point-and-shoot simplicity.
 - Automatically see gaps and rapidly process discrepancies.
 - Reports and dashboards available as standard.
- Real-time stock management and alerting.
 - Unified, accurate, real-time view of the status of and location of all your stock.
 - Designed to integrate with your existing stock keeping systems.
 - Automatic alerting (stockout risk, merchandising compliance, discrepancies, potential theft events).
- Manual item movements and item status changes.
 - Optimized for both back room and retail floor applications.
 - Support for industry standard GS1 processes.
 - Support for custom line-of-business statuses such as Reserved Article, Display Model, Set Aside for Alterations, Soiled, Marked Down.
- Rapid item search and identification.
 - Ability to perform “Needle-in-haystack” searches.
 - No need to isolate articles (other goods in circulation are memorized and automatically filtered).
 - Searches for isolated products: Identify items according to their shelf life or season.

Gain Insight, Everywhere

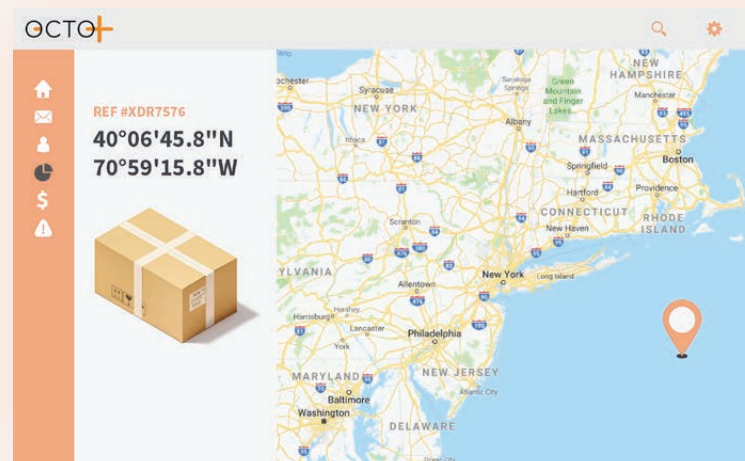
Measure and Perfect

Thanks to its ability to track the physical movements of goods and their statuses, OCTO+ provides you with new data about your inventory and your products' purchase paths within your stores.

You can leverage this data to improve operational efficiency and reduce carrying costs. You can also use this newly gained insight to improve sales effectiveness and the customer experience.

RFID data captured by OCTO+ can be analyzed against weather data or location-based data from your digital operations, for example.

And in addition to our out-of-the box reports and analytics, you can stream all your newly gained item-level insight to the third-party applications and analytics solutions of your choice.





Improve Time-to-Market

Know how and why products are being considered, tried on, and bought so you can identify best sellers, improve your time-to-market, and troubleshoot problem items, based on actual consumer behaviors.

Offer up in-store data and trends as leading indicators for your ecommerce operations and vice versa.



Optimize Merchandising and Assortment

Make sure the right goods are available in the right place and at the right time.

Use live customer behavior and trends to inform your merchandising decisions.
Make optimal assortment choices.

Examples of metrics that OCTO+ can provide include:

- Inventory and supply chain metrics.
 - Inventory turnover and lead time.
 - Shrinkage and anomalies.
 - NOSBOS, stockouts.
 - Track trends and gain real-time visibility of the performance of your supply chain at the individual item level.
- Fitting room metrics.
 - Number and length of visits.
 - Try-on mix and actual conversion rates.
 - Try-on versus non-try-on conversion rates.
 - Top try-ons, best sellers, slow movers and individual item anomalies.
 - Benchmark by store.
 - Potential theft events.
- Traffic metric and retail space metrics.
 - Dwell times and merchandise engagement.
 - Retail space analysis (kinetic heat analysis, hot spots/cold spots, physical paths).
- Line metrics.
 - Length, wait times.
 - Abandonment rates and behaviors.
 - No need for video analysis.

OCTO+ can stream data to specialist solutions such as fitting room and in-store analytics or algorithmic supply chain optimization.



Optimize **Staff Inventory Handling**

Store assistants spend up to one third of their time managing and moving stock. Gain greater insight into how this time is spent so you can optimize it.

- Identify trends and anomalies.
- Assess the impact on revenue.
- Reallocate resources as needed, according to traffic, for example.



Enjoy **Advanced Retail Analytics**

OCTO+ RFID data makes it possible to extract useful purchase behavior insights without the need to track individuals. For instance, you may now measure waiting time at the point of sale or study fitting room behaviors without the need for intrusive video analysis.

- With easier and more accurate data acquisition you can provide reliable, up-to-date data to your business intelligence solution.
- Track what gets considered, tried on, purchased, lost, stolen, or damaged.
- See how try-on combinations relate to total basket value.
- See your best sellers. Detect problem articles.
- Know what items go into the fitting room, and if they are purchased.
- Track time to replenishment post sale.
- Track the time it takes for items to return to the sales floor post try-on.
- Track loss prevention metrics such as tag removals.
- Bring staffing into sync with peak days and times of shopper activity.

Improve **Loss Prevention**

Make Anti-Theft Tagging **Systematic**

Provide a viable substitute for bulky, expensive anti-theft hard tags (electromagnetic tags) in many applications. Make it more comfortable to try on articles of clothing. Avoid perforation damage to the fabric. Reduce the amount of manual deactivation and detaching to perform.

Make Loss-Prevention **Proactive**

When an anti-theft portal alarm is triggered, it's often too late to act. OCTO+ gives you more discretion in triggering alarms based on item value or basket mix.

You can even proactively prevent loss by detecting movement anomalies and even provide security guards or store detectives with an image of the item on the way toward the exit that has not been properly accounted for in order to help in inspecting bags and thus discourage theft.





Effectively Combat **Other Forms of Shrinkage**

Avoid operational errors. Combat various forms of internal loss such as unauthorized markdowns, or “sweethearting”. With RFID, items cannot be simply ignored at checkout by a store assistant.

Designed Around You and Your Systems

OCTO+ is designed for the reality of retail on the ground. It does not require the store to be specifically designed around it.

It is flexible and economical in regards to its infrastructure and network requirements. It does not rely on large number of fixed proprietary sensors or intrusive hidden cameras as is the case with certain RFID vendors and many computer vision-based tracking systems.

Plays Nicely with **Your Current IT Systems**

OCTO+ is designed to integrate and share data seamlessly with your full supply chain, in-store and ecommerce stack.

Examples include:

- Logistics, Warehouse Management, Inventory Management.
 - Hardis Reflex, Manhattan, Generix
- ERP, Order Management, Point-Of-Sale.
 - SAP, Manhattan POS, Wynd, Cegid, Odeis
- EAS, Loss Prevention.
 - Nedap, Checkpoint, ADAMIS, Amersec
- Ecommerce Platforms.
 - Magento, Hybris, Salesforce
- Master Data Management, Media and Product Information Management.
 - Akaneo, Alkemics
- CRM, Marketing Automation, DMP, CDP, etc.
 - Splio, Ysance
- Clienteling.
 - Cegid, Splio, Tulip
- Smart Displays and Interactive Fitting Rooms.
 - Intel, Keonn, Oaklabs
- Supply chain, retail and fitting room analytics.
 - Vekia, Tyco





OCTO+ is Standards-Based and Designed to Scale

Frequentiel has a commitment to industry standards so that you don't have to worry about interoperability now or in the future.

OCTO+ provides support both at the database and data acquisition level for standard identification protocols such as EPC and EAN/UPC. It is also designed to work with your current stock keeping system.

It is compliant with the recommendations of GS1, a global standards organization that defines global norms for barcode and RFID. This is essential for both forward compatibility with evolving RFID norms and backward compatibility with both linear and 2D barcodes.

- GS1 compliant.
- EAN/UPC support.
- Full compatibility with linear and 2D barcodes.



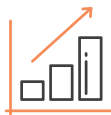
Flexible Hardware Support

OCTO+ is hardware and systems agnostic.

It handles hardware-level differences in data acquisition and device administration. It is fully compatible with the wide range of mobile and fixed data-acquisition hardware in use (tunnels, point-of-sale, overhead sensors, loss prevention sensors, mobile readers / PDAs, etc.) and with labeling / encoding printers.

OCTO+ provides device management functionality to define and update the networking and application settings to simplify fleet management and user provisioning.

- Universal hardware support.
- Flexible data format handling.
- Simplified device administration and user provisioning.



OCTO+ By The Numbers

- 30 line-of-business apps.
- Over 2,000 sites and 25 customers in production across multiple verticals including retail, logistics, industry, healthcare, and services.
- Over 20,000 mobile and fixed terminals managed.
- Close to 1 billion inventory movements tracked yearly.