



*Delivering the  
Power of Clarity*



Clarity ARS™

Advanced Retail System

*See. Understand. Execute.*

# Clarity - Advanced Retail System

## ENTERPRISE-WIDE, ITEM-LEVEL INVENTORY MANAGEMENT, EXECUTION AND SECURITY

With the focus in past years on driving efficiency in supply chains, the emerging area of focus for retailers is better inventory execution in the store. Leading Fashion Apparel and Specialty retailers are actively looking at RFID item-level management systems to better serve customers, reduce shrink, and streamline and standardize processes in their supply chain and in their stores.

Now forward-looking retailers can deploy Clarity ARS™ from Xterprise to automate and streamline store inventory management and fulfillment center operations. This RFID-based solution is designed specifically to give you visibility and control over retail inventory – from the source tagging, through the supply chain, to the store receiving dock, back room, to the shelves, fitting rooms and final checkout.

This Xterprise approach to retail inventory management includes the complete solution: hardware, software and professional services. Xterprise has three Item-Level solution offerings: **Clarity ARS**, **Clarity ARS-Mobile** and **Clarity Source Tagging**.

## CLARITY ARS™

### “FULL” TECHNOLOGY FOOTPRINT

- In-Store solution footprint = small Clarity enabled application server, handheld RFID terminals, RFID fixed reader stations with touch screens in the store
- Clarity™ n-tier architecture and item-level data model/schema (SGTIN & GID)
- Numerous central application server delivery options
- Standard, configurable product catalog with nightly update feature
- Configurable network of stores and zone within a store location mapping for inventory
- Handheld based terminal item-level operations: receiving, transfer, cycle count, search & find
- Complete user management
- Web based store level performance dashboards
- Priority & rules-based and directed stocking of back-stock (or distribution center) to the sales floor eliminating the guesswork while standardizing store processes for fulfillment & assortment decisions
- Item-level box packing application at factory or distribution center for item-level ASN
- Automated receiving and matching of store receipts to ASN information to increase accuracy and get the merchandise on the floor more quickly
- Bi-directional Integration to POS, Back Office and Retail ERP solutions capability

## CLARITY ARS MOBILE

### “LIGHTER” TECHNOLOGY FOOTPRINT



- In-Store footprint = Clarity enabled handheld RFID terminals and wireless network connectivity
- Leverages scalable Clarity™ n-tier architecture and item-level data model/schema (SGTIN & GID)
- Microsoft Azure private cloud or in customer data center application delivery options
- Configurable product catalog (configurable for any vertical market)
- Network of stores and zone in store location nesting
- Handheld based terminal item-level operations: receiving, transfer, cycle count, search & find
- User management on handhelds
- Full suite of web based reports including inventory by site and available inventory discrepancy report
- Exportability to CSV or Bi-directional Back Office and ERP Integration capability



*Store Inventory Management*

*Item-level Inventory Management*

*Loss Prevention*

*Supply Chain Management*

*RFID Source Tagging*

*Fullfillment Center Operations*

*Shipment Quality*





# Discover the power of Clarity. See. Understand. Execute.

## TYPICAL RESULTS/VALUE PROPOSITION DRIVERS: (Varies by Clarity Technology Footprint and Customer Scenario)

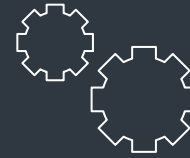
- Reduction in shrink between 50% - 80%
- Reduced out of stocks between 35% - 80%
- Increased Same Store Sales between 2% - 14%
- Reduction in inventory management labor between 10% - 90%
- Elimination (100%) of 3rd party inventory audits
- Customer payback (including cost of RFID tags) is between 6 - 12 months

## CLARITY ST

### SOURCE TAGGING:



- On-site solution footprint = Clarity enabled PC, printer/encoder or fixed reader and network connectivity in the store
- Drive printer or over-the-air RFID tag encoding leverages proven scalable Clarity™ n-tier architecture and item-level data model/schema (SGTIN & GID)
- Microsoft Azure private cloud or in customer data center application delivery options for Central Server
- Standard configurable product catalog (configurable for any vertical market)
- Centrally controlled serial number provisioning using EPC standards
- Network of sites and subnet clustering within a site
- Full suite of web based encode history reports



## COMPLETE SOLUTIONS

We deliver a complete solution including our Clarity applications, tag strategy and sourcing, hardware, consulting, and installation. At Xterprise Labs we have expertise in all of the latest RFID technology and vendor products. At Xterprise, understanding all of the elements of the system are fundamental to insuring our customers success.



## ENTERPRISE SCALABILITY

Clarity technology uses Microsoft BizTalk RFID for hardware technology integration. Combined with Windows Server®, SQL Server®, .NET 3.0® and Microsofts Azure cloud delivery technologies, the Clarity application framework offers a highly scalable, flexible, and easily integrated, services oriented platform at the lowest total cost of ownership.



## CUSTOMER TESTIMONIAL

“After a frustrating trial rollout with a competitive solution on a proprietary technology platform, we concluded that Xterprise alone had the agility and knowledge to meet our aggressive business and project goals. Their history of successful, large scale deployments, strategic partnerships and most importantly their products-made the decision a no-brainer.”

*Store Support Operations  
Leading Fashion Retailer*

## ABOUT XTERPRISE

At Xterprise, we believe organizations must gain a more accurate, real-time and insightful understanding of their business activities and then leverage that knowledge to react and exert strong control over their supply chain and enterprise inventory centric activities.

Xterprise brings software applications to the market that deliver measurable business value to organizations large and small, and the spectrum of inventory centric industries. We are committed to building products that enable the High-Definition Enterprise.

## CLARITY SOLUTION PRICING

All Clarity solutions are offered with two pricing options, giving a customer the ability to fund your solution as a capital expense, or directly from your operating budget.



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## Clarity products are characterized by:

- Automated, process-driven data capture systems
- An operating framework for connectivity, interoperability and RFID functionality
- Components to manage process workflows, data services, event flows, business rules and the user experience
- Intuitive user interfaces
- A rich business intelligence suite for users to extract information on what is really going on in their enterprise

Contact Xterprise to learn more about how your organization can use Clarity to become a **High-Definition Enterprise**.

## Subscription/Monthly Lease

- One-time set-up charge
- Traditional pricing components bundled and charged as either recurring monthly subscription fee, or
- Charges calculated on actual usage

## Traditional License/Capex Model

- Application and platform technology License fees
- Professional services – consulting, implementation, training
- Any required solution hardware
- RFID tags and other consumables
- Annual software maintenance & support

