

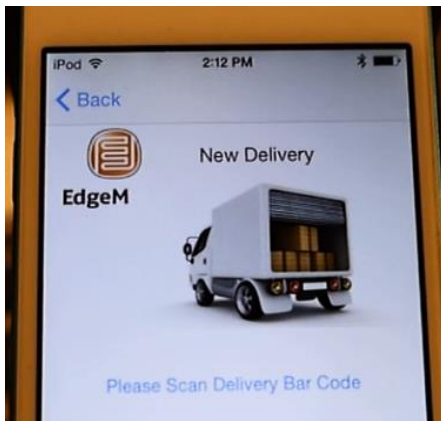
RFID Enabled Oracle Retail V14 Store Inventory Management (SIM) Solution

Quickborn, in joint collaboration with Oracle and Cybra, has developed an Oracle Retail V14.1 Store Inventory Management (SIM) prototype solution which uses RFID scanning technology for managing the receiving, stock count and shelf replenishment processes. Quickborn's integrated solution consist of Oracle Retail V14.1 Store Inventory Management module integrated with Cybra's RFID Handheld device (Cybra Edgemagic).

Advantages:

- ✔ Simplified, faster, more accurate and more efficient receiving and stock count processes
- ✔ Improvement of product replenishment speed and accuracy
- ✔ Improving customer retention by ensuring all inventory items are available on their designated location on the shop floor
- ✔ Reducing overhead: saving time, labor and cost

Receiving



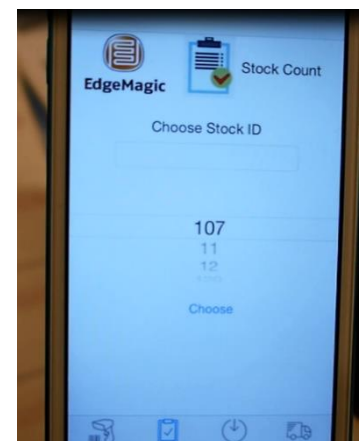
The Receiving of items is performed on Cybra's handheld device. During the receiving process the handheld requests required information from Oracle Retail Store Inventory Management solution. After the receiving process is completed, exact receiving information is provided back to SIM.

Our solution makes the receiving process much faster and more efficient for the retailer since it uses RFID on the item level. For example, the shop assistant no longer needs to open a box to confirm the reception of items as it would be in the case of having only barcode readers. The RFID antenna can also be built into a back room entrance, so that cartons are scanned first, and all RFID tags are read as the delivery truck rolls in. Alternatively, for a separate carton receiving, a handheld RFID device can be used to speed up the process.

Stock Count

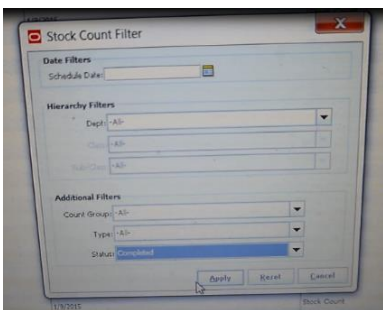
For Stock Counts the Oracle Retail Store Inventory Management solution sends a Stock Count Extraction report file to the Cybra handheld for counting and prepares to receive the stock count results back for further processing in Oracle. The content of interfaced information can be modified as required and transferred in XML format for interfacing with third-party systems.

The solution provides several possibilities to optimize the retailers' stock counting process. With RFID antennas built into the shelves, the stock count process can be performed from the back room with no need to walk across the shop. Moreover, store operations can be continued as usual during the stock count unlike when using barcode readers. This solution also enables real time notification of out of stock items and their locations.



The standard stock count process includes the following information:

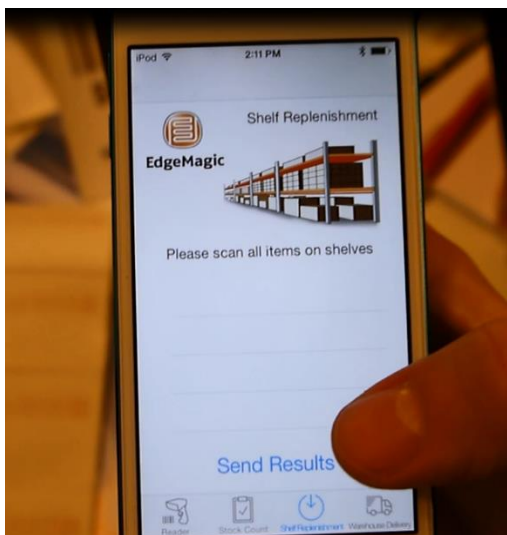
- ✔ Stock count: Stock count ID, stock count type, store ID
- ✔ Items: Item number, item description, item snapshot quantity, item UINs, item location



The stock count process can send back the total quantity counted for each item per location in the store or per total, regardless if the item was counted in several areas of the store (rolled up total by item).

A snapshot is required prior to authorizing the stock count. If configured to do so, the snapshot is taken automatically after all items are uploaded, in case of item failure. This prevents the user from needing to manually take the snapshot ahead of time and potentially cause a delay in processing.

Shelf Replenishment



The “Display Stock Replenishment” shelf replenishment method is fully based on the idea that if a customer does not see the item on the shop floor, they do not know the item exists. This method provides a **way to reduce the inefficiency** of receiving new styles in the backroom, and not having full knowledge of what is displayed and what should be moved from the backroom to the shop floor.

The generic process is that the user scans all display stock items, and then compares them against a product group (created in Oracle SIM) with all the styles available for that department. The user will then identify the difference needing to be displayed on the floor.

The main benefit of this feature can be witnessed **during high sales cycle times** when 15-20% of all available stock is typically not displayed on the shop floor. Using this method of replenishment, for example a leading fashion retailer can be able to realize an increase of 10% revenue annually in their shoe category.

This method has been proven to be most beneficial to fashion retailers or other retailers with unstructured or unique shop floor formats to ensure all items are represented on their sales floor. It may be difficult or time consuming for the retailer or the customer to identify if an item is missing from the shop floor. This method is particularly useful in a constantly changing display environment where sequencing and capacity tracking is not always feasible. The system allows the retailer to determine what is missing from the shop floor based on what is scanned on the display and compared with the backroom inventory. Fashion retailers with shoe, handbag or jewelry departments will find this method especially useful.



The solution also includes a feature to print or save the list of scanned items. Saved lists enable the user to add, edit or delete items later on, and lists may also be directly printed from the handheld.

Take a look at our demo video at [YouTube!](#)

Contact us to learn more!