

Mphasis implements an RFID solution for India based Jewelry Retailer to increase Stock Reconciliation accuracy



The Client

The client is a leading India based jewelry retailer with presence in all major Indian cities.

Objective

The objective of the client was to improve the following process/issues

- Time consumed in stock checking
- Dependence on personnel for sharing product information with customers
- Billing issues
- Bar code limitations

Challenges

Key challenges that had to be resolved were:

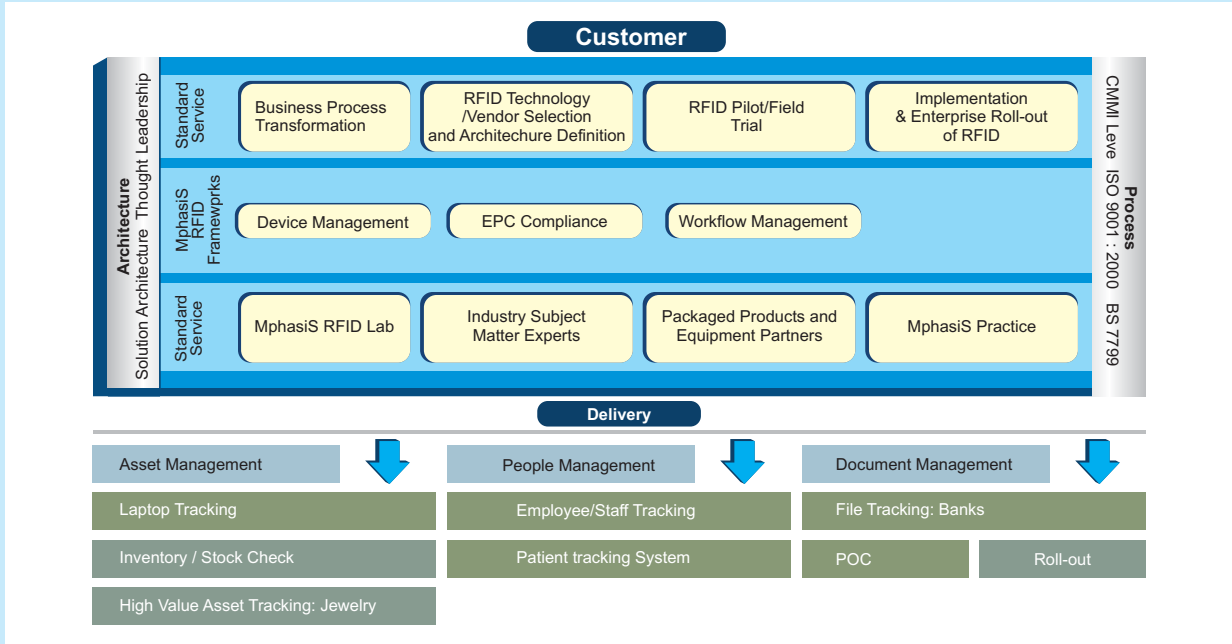
- Understanding RFID applicability
- Sourcing skilled resources to ramp up the delivery team
- Infrastructure support for the solution

Mphasis Solution

RFID solution was proposed and implemented for the client, with the following functionalities:

- Stock reconciliation
- Product information
- Integrated billing at point of sale
- User of reusable HF passive RFID tags

RFID Framework



Business Benefits

The client accrued the following benefits:

- **Time reduction:** Stock reconciliation time reduced from 6 hours to 1 hour per day
- **Accuracy:** Increased accuracy of stock reconciliation from 70% to 100%
- **Complete automation:** Product information was automated thus eliminating all manual errors
- **Billing efficiency:** Increased billing efficiency from 1 item in 5 minutes to 10 items in 45 seconds
- **No wear and tear:** Eliminated the wear and tear problem that occurred with barcodes
- **Wireless transmission:** Wireless transmission of tagged items up to 40-50 feet
- **Cyclic stock taking:** Enabled cyclic stock taking during business hours

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