



Engineering Smart Secure Solutions

GILT EDGE – THE SMART STORE

Galilee Intelligent Logistics Technologies Private Limited (GILT) is a full service technology and design firm based in Bangalore, India. Our company offers engineering smart secure solutions. Including, RFID, IoT, Artificial Intelligence and Data Analysis innovative cutting edge solutions. These solutions have been designed, engineered and produced by our Chief level executive team in a consortium of two companies in Bangalore – the Silicon Valley of India

GILT EDGE – the SMART STORE is an Internet of Things (IoT) and RFID solution designed to make shopping a pleasant and hassle-free experience for Customers. In the eras of intense eCommerce competition, Retailers have to focus on Innovative Solutions that can attract and retain existing customers through Technology-enabled initiatives.

Our solution automates business processes in retail and improves the quality of customer service.

The SMART STORE saves time for customers and improves human resources by understanding the retail domain to enable retailers to connect with clients for customer retention by understanding of preferences. All components of the solution can be integrated through data migration for legacy corporate applications.

Technologies used: The SMART STORE Makes Effective Use of RFID and IoT technologies.

SOLUTIONS A SMART STORE CAN OFFER:

- RFID Store Inventory Management
- Smart Shelves
- Smart Display Counters
- Face Recognition with Reaction Mapping
- Smart Trolley with integrated Post terminal
- Smart Check Out integrated with Payment Kiosk
- Smart Store Application
- Cloud or Local Server data hosting

Components of the Smart Store solution offered by us include:

RFID Tagging of Store Inventory

This enables fast and accurate inventory audit, inventory location mapping, location of missing or misplaced inventory, updated organization-wide visibility on inventory movement, identification of fast/medium/slow-moving inventory, Reduction of Inventory shrinkage. This will require RFID tagging



of all inventories. Our solution allows retailers complete control of inventory and can alert store associates when the shelves approach critical quantities that require restocking or when clients put the wrong items on a shelf.

Smart Shelves

Enables identification analysis of inventory usage – for example, how many times an item has been taken for viewing, how many remain on the shelf without viewing, how many were sold after how many views. The Smart Shelf solution also includes Electronic Labelling which centralize changing of prices as required, RFID integrated shelf analytics. The solution is integrated with the Smart Store Application and can be integrated through data migration with legacy store applications.

Smart Trolley

RFID reader enabled trolley with a WIFI integrated POS integrates with it. This enables self-checkout and payment from the trolley itself without having to stand in a Queue. A regular customer can be recognized by the trolley and pull out previous shopping lists and indicate “best deal” products to customers.

Smart Gates

A security tool powered by RFID for better security at exit gates by creating an RFID Portal. This security solution enables the detection of goods taken out of area without payment. The Smart gates can be integrated with a camera that can be triggered to take a photograph. The Portal can be concealed by using it as an advertising stand.

Smart Check out Kiosk

Touchscreen self-use kiosk, WIFI-enabled, used for product promotion and with check-in and checks out of procured items, integrated with a card as well as cash payment systems. A useful product for a customer with features including in-store navigation - helps in locating particular products, advanced search options in terms of product and variant availability, customer-specific notifications regarding offers (if the customer is pre-registered), integrated with barcode and RFID scanners, provision for cash or debit or credit card payment, payment receipt generation

Facia AI-Pro

It is a Face Recognition and Authentication Solution from GILT. It is an AI-powered solution offered by us as a part of our Smart Store solution – can be used for customer preference data capturing.

- **Features of Facia-Pro:**
 - Footfall/Headcount Analysis - Gender Analysis
 - Age Analysis / Multiple IP Processing
 - Emotion Quotient Score / Dwell Time
 - People Tracking / Person Density Estimation
 - Feedback Estimation with Crowd Detection

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