

LAUNDRY MANAGEMENT FOR HOTEL INDUSTRY



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PRESENTATION OUTLINE

- **About Us**
- **LMS (Laundry Management System)**
- **Pre & Post Installation of RFID**
- **Solution Overview**
- **Key Components**
- **Benefits**
- **Clientele**

ID TECH SOLUTIONS PVT. LTD.

ID Tech Solutions Private Limited an **ISO 9001:2015** certified company formerly known as **ID Solutions** was founded in **April 2004** to cater to the needs of Plastic Cards and Smart Cards in the Indian subcontinent.

We are the leaders in the “next generation” of Smart Cards, Plastic Cards, RFID products, Card Printers, Handheld Devices, Time Recorders, Entrance Automation Products Access Control Systems, IT and other customized solutions.

Over the past 19 years, we have grown from a company primarily providing plastic cards to **Smart Cards, RFID products, Entrance Automation Products, Track & Trace Solution & Services**, one with the capability, experience, and expertise to provide customized electronic security management focused solutions and services.

Our experience and strong mission-first work ethic has helped us develop capabilities, insights, and skills that few, system integrators can match.

360° Solution Provider



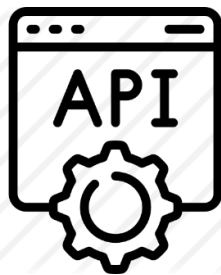
- ❖ RFID Tags
- ❖ RFID Labels
- ❖ RFID Readers
- ❖ RFID Antennas
- ❖ RFID Printers

Hardware



- ❖ Solutions Architecture
- ❖ Installation
- ❖ Hardware Selection
- ❖ POC

Training



- ❖ Asset Management
- ❖ Inventory Tracking
- ❖ WMS
- ❖ RTLS

Software



- ❖ Technical Support
- ❖ Warranty Spare management
- ❖ Extended Warranty Contracts
- ❖ AMCs/CMCs

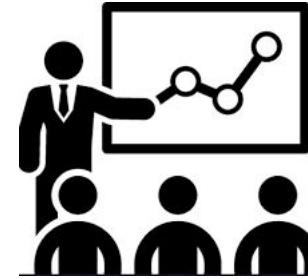
Support

360° Solution Provider



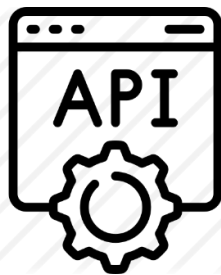
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Support

LMS (Laundry Management System)

Automate the linen & laundry management of hotels/hospitals/ accommodation sectors using RFID laundry tags. The tags of Ultra High Frequency chips are fixed to linens to track and monitor the movement real-time, the data from high end sophisticated UHF readers are computed to IDT RFID software, and REST ID Tech does process automation.

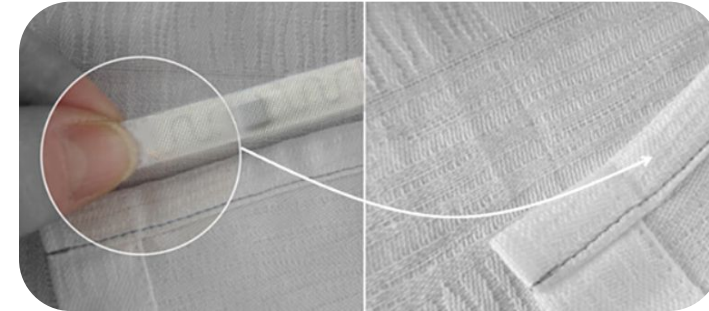


Pre & Post Installation

PRE INSTALLATION	POST INSTALLATION
The linens were manually managed by linens section.	These are automated
3-4 HK personals used to spend about 2 – 3 hours every day for sending and receiving linens to and from outsourced laundry agents	IDT automated this process by embedding laundry tags to each linens. On passing these linens through RFID antennas, the RFID tags are read. This process reads in just within seconds.
Assuming wash cycles	System records every wash cycles and generates log
Stock taking of floor pantries, banquet pantries was time consuming	With UHF handheld readers the process becomes faster and accuracy
Guest pilferages was un controllable	Readers were placed at lobby area, this deducts any movement of hotel linens

LMS: PROCESS FLOW

New linen arrives with tags installed by the manufacturer or is tagged at the Housekeeping.



Each piece of Linen is Defined to system and therefore added to the inventory using RFID Table Top Reader.

LMS: PROCESS FLOW

Linen is Cleaned and Pressed. Linen is placed in the trolley and moved through the lobby.



Linen is scanned to Hotel Information system using RFID readers and the tag will be registered to the database.

LMS: PROCESS FLOW

Soiled Linen Received at the Laundry will be washed and sent back to the hotel and it will be updated to the database at every laundry in or laundry out.



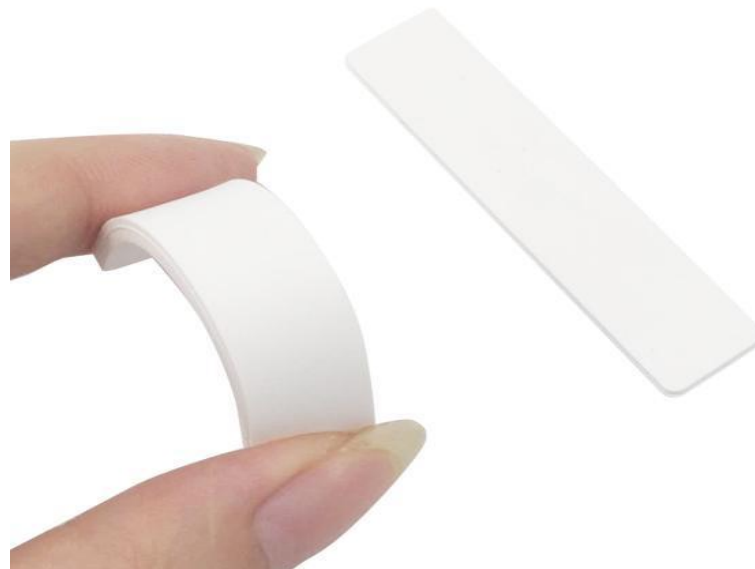
This will reduce the manual counting errors and segregation at each points and save time and is more accurate

KEY COMPONENTS

RFID LAUNDRY TAGS



Textile Tag



Silicon Tag



Button Tag

KEY COMPONENTS

IDT RFID READER



RFID Desktop Reader/Writer - IDT 107



RFID UHF Handheld Reader - IDT RHA2

KEY COMPONENTS

IDT RFID READER



RFID Tabletop Reader - IDT R3



RFID UHF Fixed Reader - IDT 87i

KEY COMPONENTS

IDT RFID TUNNEL



Note:

- RFID Tunnel can read multiple tag at once.
- The tunnel contains antennas to track the movement and inventory count of items from one Stage to another.
- Can be customized as per the requirement.
- Can be easily integrated in a conveyor belt.

BENEFITS

1. Accelerates linen wash cycles and rotations to/from customer sites
2. Improves laundry production planning, reduces errors and operational costs
3. Minimizes linen losses, saves on linen purchases
4. Reduces shortage situations and anticipates customer requirements
5. Enhances service quality to provide competitive advantage



CLIENTELE



FABRICARE
LAUNDRY PVT. LTD.

and many more ...

THANK YOU