

Company Profile

www.rfid-pakistan.com



Company Profile

RFID products, Card Printers, Handheld Devices, Time Recorder, GPS, ESL, Entrance Automation Products Access Control Systems, IT, and other customized solutions.

With an in-depth understanding of the markets and knowledge of the requirements, we emerge as leaders through quality and product innovation. This industry-leading comprehensive approach gives us the ability to respond quickly to customer needs and design customized innovative solutions that meet those needs efficiently and cost-effectively. We take pride in building strategic long-term client relations.

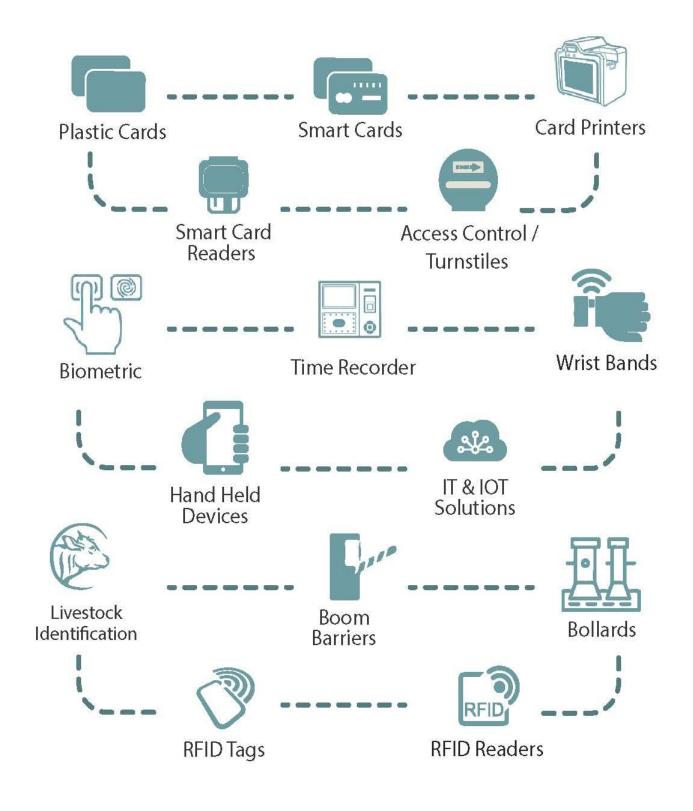
Over the past 15 years, we have grown from a company primarily providing plastic cards to smart cards, RFID products, Entrance Automation Products, Animal Identification Solutions & Services, one with the capability, experience, and expertise to provide customized electronic security management focused solutions and services. Our experience and strong mission-first work ethic have helped us develop capabilities, insights, and skills that few, system integrators can match. Our dedicated employees are committed to supporting customers by delivering high-quality, customer-focused solutions and professional services in such areas as solutions planning and Implementation.

Our Purpose

Our purpose is to create world-class Innovative smart automated solutions to help solve problems of Companies, Governments, and all other institutions related to identity, security, access, monitoring, and movements of goods, assets, files, or people.







RFID Softwares





RFID Fixed Asset Tracking



RFID Toll Gate Automation



RFID Untouched Attendance



RFID Warehouse/Supply Chain



RFID in Car Manufacturing



RFID Forklift Automation



BFG 675
ELIZEBETH MICHAEL



RFID Inventory Visibility System



RFID Jewellery Tracking System



RFID Student/Parent Auto Voice Calling at School

RFID Royalty Customers Deals at Shopping Malls



RFID Sales Staff Tracking at Shopping Malls



RFID Trial Room Analytics at Shopping Malls



RFID Vehicle Identification



RFID Traffic Management



RFID Baggage Tracking



RFID Guard Patrolling System



RFID Theft Controlling System



RFID People & Personnel Tracking



RFID FASTag Online Toll Collection System



RFID Spool Tracking System



RFID Weightbridge Automation System



RFID E-Lock for Contrainers



RFID E-Seal for Contrainers



RFID Container Tracking System



RFID Based Patient Location Confirmation



RFID Body Temperature Monitoring System



RFID Work in Progress Tracking



We offer our customers the most comprehensive range of services in the industry from designing, manufacturing, personalization, packaging to mail out & dispatch.



Blank Card

Our Blank PVC plastic cards are the highest quality, ultra fi ne cards. We guarantee that all our blank cards will print in any regular card printer they are put into. Also we offer a quick delivery time.

Pre Printed Cards

Pre-Printed cards are the most widely used. Printed on full spectrum of colors on Heidel berg Printing machines our cards provide the most beautiful and accurate reproduction of the artwork with a mirror like finish and premium look and feel



Loyalty/Discount Cards

It is a time tested and an effective marketing tool that makes the customer feel important. We are making loyalty cards for the top brands and we have earned their respect with our offerings.



Luggage/BagTags

Our Luggage tags have become a favourite with various airlines and transport companies because of the superior quality and fineprinting. Now a days thay are used extensively for marketing and advertising.



Transparent Cards

It is a time tested and an effective marketing tool that makes the customer feel important. We are making loyalty cards for the top brands and we have earned their respect with our offerings.



Barcode Cards

We offer a comprehensive range of barcoded cards, based on our clients requirement that are used to store data for both identification and tracking and payment purposes. Its a new, innovative and a cost effective method.



Magnetic Stripe Cards

We offer a full lineup of magnetic stripe cards with options that range from full custom printing to personalization. Cards are offered with standard tracks 1,2, and 3 with encoding option. Varieties of custom cards are available in high quality PVC, with mirror, matte, or combination finishes.





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Quality Standard	Our cards meet all the ISO, ANSI, Credit cards and ABA standards.
Edges	Has clean, precise optically die cut edges and rounded corners.
Finish	Our cards have mirror like finish. They are manufactured in a completely dust free environment to avoid scratches and dents.
Shape	Will pop back into shape if bent or folded.
Printing	Our cards are four color litho printed on Heidelberg Machines in full spectrum of color. The printing provides accurate, precise, detailed, natural brilliant reproduction of your artwork.
Bonding	PVC cards are fused together using very high temperatures i.e., 150 degree Celsius as a result the layers bond together to make one complete layer. The Vinyl over laminate film is scuff and scratch resistant.
Raw Material	Our cards are made with the highest quality of PVC which is the only substrate used for secure card applications.
Quality Control	We have quality control and checks at various stages starting from Incoming raw material QC , Printing QC, Lamination QC, Punching QC, Personalization QC & Packaging QC.
Packaging	Each box is over wrapped with shrink wrap to avoid dust and dirt. The quantity and serial number is clearly defined on each box.
Turn Around Time	Our facility has a capacity to manufacture a million cards every day. Hence we have a quick turn around time for large orders.





MAGSTRIPE READERS





NEC INLAYS / LABELS











Operating Frequency & Protocol

Read Distance Material

Mounting

Application Areas

13.56 MHz, ISO/IEC14443 Type A, NFC Forum Type 2

upto 10 cm(Reader Dependent)

Paper, PET

General Purpose Adhesive

Event Ticketing, Retail, Mobile Wallet

HF INLAYS / LABELS





Size: 76 x 45 mm



Size: 26 x 11 mm



Size: 50 x 50 mm



Ø 110 mm

Operating Frequency & Protocol

Read Distance

Material

Mounting

Application Areas

13.56 MHz, ISO/IEC 14443 Type A 1-3, ISO/IEC 15693 compliant

10cm to 100cm (Reader Dependent)

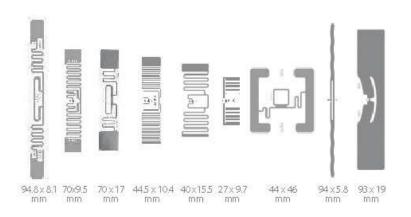
Paper, PET

General Purpose Adhesive

Books, Documents Tracking, Libraries,

Loyalty Cards, Event Ticketing

UHF INLAYS / LABELS



Operating Frequency &

Protocol

Material

Application

Areas

: 840-960 MHz, ISO/IEC 18000 -6CEPC Global Class 1 Gen 2

Read Distance : Upto 12m(Reader Dependent) : Paper, PET, Polyester

Mounting : General Purpose adhesive : Item/Asset Tracking including:

Pallet Placards, Cases, Baggage, Poly Bags,

Electronics, Apparel Tags and

Boxed Items



RFID WINDSHIELD TAGS

Dimensions & Material: Polyster | Paper

Mounting: General Purpose Adhesive, 3M



RFID WIRE LAUNDRY TAGS

Operating Frequency & Protocol: 865-868 MHz, ISO/IEC 18000-6C, Global

Class 1 Gen 2 Read Distance : Upto 6m (Reader Dependent) Dimensions & Material: Silicon/washable

Mounting: Thread, Thermo patch

Application Areas: Garment Identification, Apparels, Linen



Operating Frequency & Protocol: 865-868 MHz, ISO/IEC 18000-6C, Global

Class 1 Gen 2

Read Distance : Up to 6m (Reader Dependent) Dimensions & Material:

Variable | Rubber

Adhesive

Application Areas: Tyre Identification, Inventory, Theft



RFID PALLET/CRATE TAGS

Operating Frequency & Protocol: 865-868 MHz, ISO/IEC 18000-6C, Global

Mounting: Rivets, Adhesive

RFID JEWELLERY HARD TAGS

Operating Frequency & Protocol: 865-868 MHz, ISO/IEC 18000-6C, Global



RFID JEWELLERY LABEL TAGS

Operating Frequency & Protocol: 865-868 MHz, ISO/IEC 18000-6C, Global

Class 1 Gen 2 Read Distance

Up to 3m (Reader Dependent) Dimensions & Material: Variable | Paper

Mounting: General Purpose Adhesive

Application Areas:

Jewellery Store Automation, Inventory

RFID SOLAR TAGS

Operating Frequency & Protocol: 865-868 MHz, ISO/IEC 18000-6C, Global

Read Distance:
Up to 6m (Reader Dependent)
Dimensions & Material:
Variable | Paper, PET

General Purpose Adhesive, 3M

Application Areas: Solar PV Module Tracking



RFID LAPTOP TAGS





RFID KEYFOBS

Operating Frequency & Protocol: 125KHz, 13.56 MHz, ISO/IEC 14443 Type A

Read Distance: Up to 10cm (Reader Dependent) Dimensions & Material:

Ring type
Application Areas:
Access Control, Parking, Staff



RFID CABLE TIE TAGS



Upto 6m (Reader Dependent) Dimensions & Material:



RFID WIRE TAGS

Operating Frequency & Protocol: 865-868 MHz, ISO/IEC 18000-6C, Global

Read Distance:
Upto 8m (Reader Dependent)
Dimensions & Material:
Variable | Spring Antennas

Mounting: Encapsulation Application Areas: Warehousing, Inventory, Pallets,

RFID CERAMIC TAGS

Operating Frequency & Protocol: 865-868 MHz, ISO/IEC 18000-6C, Global

Up to 1m (Reader Dependent) Dimensions & Material: Variable | Ceramic

Application Areas:

IT Assets, High Temperature Weapon / Tool Tracking

RFID RACE TIME TAGS

Operating Frequency & Protocol: 865-868 MHz, ISO/IEC 18000-6C, Global

Application Areas:

RFID CYLINDER TAGS



RFID ASSET TAGS

Operating Frequency & Protocol: 865-868 MHz, ISO/IEC 18000-6C, Global

Class 1 Gen 2 Read Distance : Up to 12m (Reader Dependent) Dimensions & Material: Variable | PVC Encapsulation, Paper

General Purpose Adhesive, 3M Application Areas: Asset Identification, Retail





RFID GARMENT TAGS

Operating Frequency & Protocol: 865-868 MHz, ISO/IEC 18000-6C, Global

Class 1 Gen 2 Read Distance : Upto 6m (Reader Dependent) Dimensions & Material: PVC Paper

Threads, Thermo patch Application Areas: Garment Identification, Apparels, Linen



RFID PCB TAGS



Operating Frequency & Protocol: 865-868 MHz, ISO/IEC 18000-6C, Global

Up to 12m (Reader Dependent) Dimensions & Material:



TAMPERPROOF WINDSHIELD TAGS

Operating Frequency & Protocol: 865-868 MHz , ISO/IEC 18000-6C, EPC

Read Distance : Up to 12m (Reader Dependent)

Customization: Logo, Serial Number Printing, Color

General Purpose Adhesive, 3M

Application Areas: Vehicle Identification, Tracking

Fleet Management, Parking

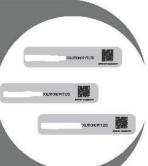
RFID SOFT TAGS

Operating Frequency & Protocol: 865-868 MHz, ISO/IEC 18000-6C, Global

Read Distance : Upto 6m (Reader Dependent) Dimensions & Material: Silicon/washable

Mounting: Adhesive, Threads, Thermo patch Application Areas:

Garment Identification, Apparels



HIGH TEMPERATURE TAGS

Operating Frequency & Protocol: 865-868 MHz, ISO/IEC 18000-6C, Global



RFID NAIL TAGS

125 Khz, 13.56 Mhz, 865-868 Mhz, Global Class 1, Gen 2

Read Distance : Upto 50cm (Reader Dependent) Dimensions & Material:

Application Areas: Tree Tracking, Crates Tracking Temperature: -50°C - 140°C





MOUNT ON METAL TAGS (FERRIC SERIES)



Ferric 50 Size 50 x 50 x 10 mm



Ferric 65 Size 65 x 25 x 10 mm



Ferric 85 Size 85 x 25 x 16mm



Ferric 110 Size 110 x 25 x 15 mm



Ferric 150 Size 150 x 25 x 16 mm

ACTIVE TAGS



CARD TYPE TAG



BATTERY REPLACEABLE LED & BUZZER TAG



TEMPERATURE SENSOR TAG



ULTRA LONG RANGE TAG



COIN TAG

Operating Frequency & Protocol Read Distance

LIVESTOCK TAGS



EAR TAGS CIRCULAR PIN



FAR TAGS FLAG SHAPED



INJECTABLE TAGS **SYRINGE TYPE**



INJECTABLE TAGS TRANSPONDER TYPE



BOLUS TAG





Contact Card Readers

- Supports ISO -7816 Class A,B and C.
- Performs read and write operations on all microprocessor cards with T=0, T=1 protocols.
- Supports most of the popular memory card types in the market.
- USB 2.0 Full Speed.

Contactless Card Readers (MIFARE)

- Supports major contactless cards.
- ISO 14443A Type A and B.
- Built in anti-collision feature (only one card accessed at a time).
- Cards operating distance 5 cm.





NFC Readers

- PC Linked Contactless readers.
- Compliant for NFC (Near Field Communication).
- Suitable for POS terminals and vending machines.
- Bi-colour LED and Buzzer.

Contactless Card Readers (Plug & Play)

- Plug and play device.
- Multiple output formats.
- USB 2.0 Full Speed interface/serial interface
- Buzzer and LED.
- Readers available in 125 KHz, 13.56 MHz (MIF ARE & ICODE) and UHF (865 - 867 MHz).





NFC Reader with Display

- Standalone Reader supports 14443Acards.
- Two-line Graphic LCD with touch keypads
- Dualoperations
- PCLinked and Standalone.
- Real Time Clock (RTC) with independent backup battery.

Contactless Card Readers (ICODE)

- High performance ICODE Reader.
- Operating Frequency 13.56 MHz, ISO/IEC 15693.
- USB 2.0 Full Speed interface/serial interface.
- Buzzer and LED.
- Card operating distance 50cm.







USB READER (UHF) ID -107

- Working Frequency 865-867 MHz USB Interface
- Effective read distance up to 400 mm
- High Identification Rate



Long Range (UHF) Integrated Reader ID -88

- Working Frequency 865-867 MHz

- RF Output power up to 30dbm Reading Range 10-15 Meter Support RS232, RS485, TCP/ IP / Wifi (Optional)



Passive (UHF) 4-Port Reader ID -401

- 865-867 MHz, module
- Power output 0-30dBm (adjustable)
- **Buzzer & Led Indicators**
- Connectedto Multiple Antenna (8 dBi or 12dBi)



Active Omni **Directional** Reader ID 527

- Operating Frequency 2.4-2.8GHz Support RS232, RS485, Wiegand 26/34 interface
- Reading Distance upto 100 meters

Mid Range (UHF) Integrated Reader ID -85



- Working frequency 865-867 MHz Equipped with 8dBi antenna
- Reading Range upto 6-8 Meters
- RS 232/485,TCP/IP, Wi-Fi(optional)

Long Range (UHF) Integrated Reader ID -87



- Working Frequency 865-867 MHz
- With 9 dbi circular antenna
- Reading Range 10-15 Meter, IP 66 Support RS232,RS485, With Impinj R 2000 Module

Gate Readers



- Available in HF & UHF variants
- 3D Orientation for 100% reading rate
- LED & Buzzer Indicators
 - AntiTheft, Movement Tracking Applications

Active Directional Reader ID 528



- Operating Frequency 2.4 2.8 GHz
- Support RS232,10/100M Ethernet
- Reading Distance upto 250 meters High identification rate



BLUETOOTH RFID HANDHEALD READER



- Frequency Range: EU:865 868 MHz
- Support Bluetooth V4.2/2.1+EDR
- · Hight protection IP65 level
- Long Read Distance > 10M
- * Flexible working with Android iOS devices
- · Different regional RF standards available

UHF RFID <u>HANDHEALD TER</u>MINAL

- · Frequency Range: EU:865 868 MHz
- Android 9.0, MTK MT6762 Octa Core 2.0GHz
- · Hight protection IP65 level
- Long Read Distance > 15M
- · Battery: 10,000mAh(Rechargeable)
- Logistics, Warehouse, Retail Chain Management



WINDOWS RFID HANDHEALD TERMINAL



- Windows OS
- Follows 125kHz, 13.56MHz & 856 - 868MHz
- · 4" TFT-LCD,capacitive dualtoch
- · Optional Fingerprint Sensors

BLUETOOTH HANDHEALD RFID /1D/2D SLED READER



- Battery: 4410mAh (Rechargeable)
- · Hight protection IP52 level
- · Fastest Read Rate 900+ tags/sec
- · Nominal Read Range 20+ ft./6+ m
- Compatible Devices (Bluetooth): Android or iOS, OS
- Batch Mode Memory Store 40,000+ RFID Tags, 500 barcode

BLUETOOTH RFID HANDHEALD TERMINAL



- · Frequency Range: EU 865 868 Mhz
- · Data Interface: Bluetooth
- Document / Library Inventory Management
- · Rechargeable Li-ion Battery
- · Connects to smartphone

BLUETOOTH RFID HANDHEALD TERMINAL



- 4" WVGA display (480*800), 16.7M colors
- Frequency 13.56MHz
- Protocol ISO 14443A/B,IS015693, NFC



MOBILE READER



- AES-128 encryption algorithm to secure your data.
- Compliance: ISO14443, ISO/IEC 18092,CE, FCC
- · Lithium-ion battery
- · OS: And roi d 2.0 / iOS 5.0 and above
- · Contactless & Magstripe

BIOMETRIC RFID HANDHEALD TERMINAL

- * 5.2" IPS FHD 1920x1080 display
- IP65/IP67 per IEC sealing specifications
- Optical / Capacitive fingerprint scanner
- · Industry leading scan engine





Digital Persona U.are.U 4500

- Small form factor Conserves valuable desk space.
- Rugged construction High-quality metal casing
- Rotation invariant Touch it from any direction.
- High-quality optics ensure best image every time.



Digital Persona U.are.U 5100

- Fingerprint Reader with PIV-certified, optical fingerprint sensor
- High quality fingerprint image, Blue illumination
- USB 2.0 (High Speed)



Digital Persona U.are.U 4500 UID

- STQC Certified Fingerprint scanner
- · High quality fingerprint image, Blue illumination
- · IP64 rated
- USB 2.0 (High Speed)

BIOMETRICS DEVICES



Futronic-FS 80H

- Unique capability to do Live Finger Detection (LFD)
- Image resolution is 480x320 pixel, 500 DPI
- Small size:66x66x29mm Light weight:150gram



ZK 7500

- Single-digit optical finger print scanner

- Captures high-quality flat fingerprint images
 Auto capture, adjustable brightness, contrast, and gain functions



Zk 9500

- FBI Certified PIV Single Finger Capture Device Compliant
- STQC Biometric Device Certified for UID Applications
- High-performance, maintenance-free optical fingerprint sensor
- Resistant to scratches, impact, vibration and electrostatic shock



TIME RECORDER DEVICES



ID 990

- User Capacity: 10000
- Transaction Storage: 100000
- Push Data Technology
- 8 Customizable Keys
- •Wi-Fi/GPRS

ID K60

- Transaction Storage : 50000
- Sensor: 600 DPI Scanne
- User Capacity: 1000
- Support 360° rotation identification
- Inbuilt Battery





ID 3000

- User Capacity: 30000
- Transaction Storage: 200000
- Push Data Technology
- 8 Customizable Keys
- . Wi_Fi / GPRS

ID Face 220

- Face templates: 1200
- •4.3"TFTT ouch-Screen
- •6 Customizable Function Kevs
- Fingerprints templates: 5000
- Infra-red camera





ID SC403

- Device Capacity: 10,000 cards
- Glossy Black Body
- Transaction Storage: 30000
- Sleek Desigr
- Stable RFID Access Control Mode

IDT C700

- Available in LF and HF
- User Capacity: 30,000 cards
- · Transaction capacity: 100,000 records
- · Communication: TCP/IP, USB Host
- Modern & elegant design





CONTROLLERS







IDT c3200







IDT KR503



IDT KR60

TURNSTILES

FLAP BARRIERS



IDT 1022

IDT 2033

IDT 2000

IDT 2002

BOOM BARRIER



BOLLARD

















Staff Station

Available with 1W/4W antennas, Follows ISO 15693 standards Reading Efficiency :50 tags/seconds, Reading Range: 30-60cm High Identification rate.



Self Check-in Check-out Kiosk

No manual intervention. Hassle free issue/renew/return. Dual authenticity level and User-friendly interface. Single login for all options.



Drop Box

3D unique vandal proof returning station Intuitive returning process, Modular concept in timeless design SIP2 compatible. The design of the book dropbox is such that books cannot be retrieved back once deposited.



Anti-Theft Gates

Available in HF & UHF variants.
3D Orientation for 100% reading rate
LED & Buzzer Indicators.
Anti Theft, Movement Tracking Applications
Cost-effective solution with excellent
identification rate.



Handheld Terminal

13.56MHz frequency, Support ISO15693,ISO14443Type A & Type B protocol tag; Support GPRS / GSM, 3G, Bluetooth, Wi-Fi; Provide USB, RS232 communication port; Keyboard mixed alphabetic and numeric key Navi-Key, Side Key.

Koha Software

Koha is a web-based ILS, with a SQL database.

Koha has all the modules including acquisitions, serials, members, circulation, cataloging, reports. Multilingual and multi-user support and Library-Standards-Compliant.

Koha SIP2 (Session Initiation Protocol) is used for communication between Self Check (SC) machines i.e. self-checkout machines, and the Automated Circulation System



Laundry Management

Our laundry management system, provides an excellent solution to trace the clothes throughout its complete cycle of its arrival in the laundry to its dispatch. The RFID tags attached to the clothes are read as soon as the clothes enter the facility. Once the unique tag IDs for each garment is obtained, the application software updates the database with related information about each garment and generates reports at various stages.



Hospital management

Our Hospital Management system helps client to get the Real Time Location of Patients, Doctors and equipment thereby providing safety, security and convenience to the management, doctors and patients.



Assets management

Our Asset managment software designed to easily track all assets in your facilities with the record. Know where the asset is located, along with movement and their maintenance record for depreciating values of fixed and mobile assets.



Event Management

Our event management solutions provides RFID based access control, cash less payments, social media integration, brand activation and staff management. This is facilitated with our wide range of RFID Wristbands.



Warehouse Management

We are main provider of item level Inventory management systems based on RFID technologies. We help companies streamline end to end supply chains and processes by designing and deploying, innovative and intelligent RFID systems:

- · Reduce out-of stocks
- · Maximize on-shelf availability
- Reduce in-hand inventory
- · Increase sales and margins
- · Prevent stock theft by positioning Antitheft gates.





Security Movement Tracking

Our guard patrolling system ensures that the guard performs their duties on time and at their designated locations. Various reports can be generated. The fixed readers are installed at various routes to track the movement of guards, , to enable the movement to improve the effectiveness of their guards.





File Tracking

Our RFID File Tracking Systems are designed to reduce employee time spent maintaining and managing hundreds or thousands of files within a workplace. Many businesses currently use basic methods to manage files.

Vehicle Tracking

Through our Vehicle Tracking systems using RFID, vehicle scan be identified with high speed and accuracy. Application areas for Vehicle Tracking are in Toll Highway management, Car Washes, Fleet Management, Gated Community -Controlled Access.





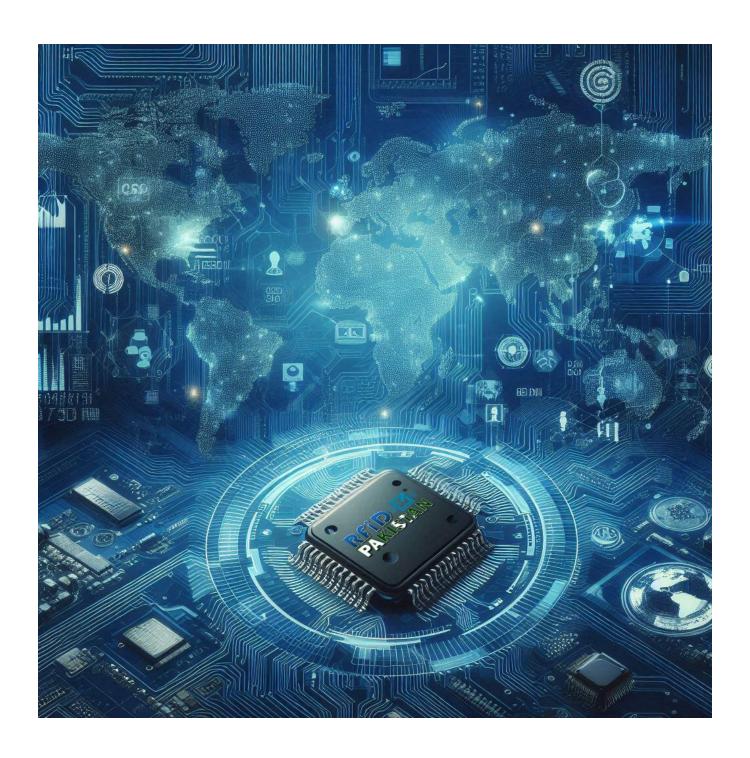
Jewellery Tracking

Our Jewellery tracking application uses RFID for updating and tracking inventory. Jewellery items are tagged with tamperproof RFID tags. When these tags are read with a reader all the information is transmitted to a database in seconds thus enabling a fast count.

Intelligent Livestock Tracking

RFID can enhance theft protection by giving each animal a unique, encrypted identification. This helps insurance companies in easy identification. It also helps vets in administration of vaccines and medicines and the record is stored directly on the chip or the backend system. It provides proof of origin, age verification and disease control Automates handling at farm and auction house, theft protection, storing and updating vaccination and movement data.







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