EMPOWERING BUSINESSES THROUGH TECHNOLOGY

PRODUCTS & SOLUTIONS BROCHURE 2020

WWW.STATICE.TECH

ABOUT US

Statice Tech is the parent company and the vision behind the brand STATICE. The company has divided the business into two verticals of Technology and Digital Marketing. Under technology we provide an array of products and solutions related to IoT (Internet of Things), Mobile cloud applications, Biometric Time-Attendance & Access control, RFID, Cybersecurity and POS (point of sales).

MISSION

Empowering businesses through our technology.

VISION

Our offerings are inspired by the Statice flower (a part of the genus of 120 flowering plant species). We aspire to provide a bouquet of technologies & services connecting the present to the future.

GOALS

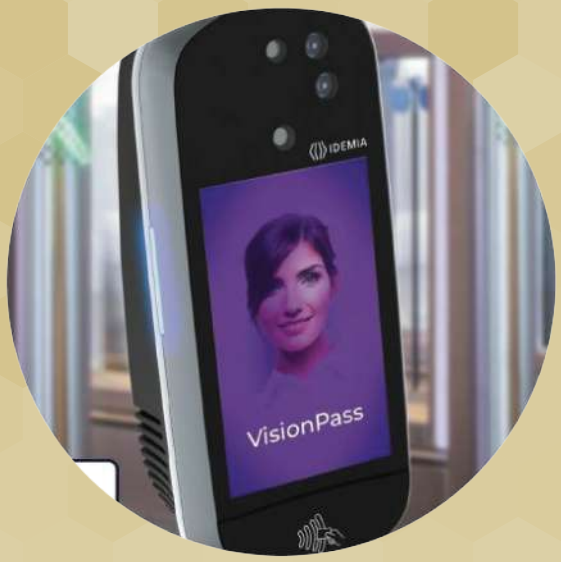
To provide a team based work environment.
To provide contemporary solutionsbeneficial to businesses of all types.
To ensure delivering quality products and superior customer service.
To prepare and enter into partnerships across the globes.
To develop technologies for the present connecting to the future.

CONTENT

- Products
  - Face Readers
  - Biometric Terminals
  - Fingerprint Devices
  - Point of Sales (POS) Devices
- Solutions
  - Internet of Things (IOT)
    - Smart Farm & Greenhouse Monitoring
    - Industries & Factories
    - Data Centers
    - Food & Restaurant Industry
    - Cold Storage & Climate Controlled Storage
  - Cybersecurity
    - Cybernexa
  - RFID
    - Asset & Inventory Management
      - Logistics Asset Management
      - Pallet Shipment Management
    - Laundry Management
    - Hospital Management
      - Asset & Equipement Management
      - Supply & Inventory Management
      - Patient & Staff Workflow Management
    - Vehicle Management
      - Vehicle Tracking
      - Parking Management
  - Time Attendance Solutions
    - Workflow Management
    - Student Management
    - Payroll Management System
  - Point of Sales (POS) Solutions
  - Mobile Cloud & Web Based Applications

PRODUCTS

FACE READERS



FACE READERS

F 910

Flexible facial ID for larger enterprises - time/attendance and secure access.

Wi-Fi enabled.

2000 base face-user capacity (1:N), expandable to 4000.

Multi-authentication - face/pin/card/photo.

Fast & accurate, recognition <1 sec, FAR <0.001%

Optional Ok To Wake.

3.5 inch TFT screen with a 1GHz processor with performance between 0-20,000 LUX

FA 600

Facial ID for small to medium enterprises, for time/attendance and access control.

Standalone access control possible.

1000 user capacity (1:N).

Multi-authentication - face/pin/card/photo.

Fast & accurate, recognition <1 sec, FAR <0.001%

Wiegand input and output, anti-passback.

Optional Ok To Wake.

2.8 inch TFT screen with a 1GHz processor with performance between 0-8,000 LUX.

FACE READERS

F 710 X

Facial ID for medium to large enterprises - time/attendance and secure access control.

1000 base user capacity, (1:N).

Multi-authentication - face/pin/card/photo.

Fast & accurate, recognition <1 sec, FAR <0.001%

Optional Ok To Wake.

3.5 inch TFT screen with a 1GHz processor with performance between 0-10,000 LUX.

MB 30

Facial ID for small enterprises - time/ attendance and secure access control.

200 base face-user capacity, 500 base fingerprint- user capacity.

Multi-authentication - face/RFID/ fingerprint/ pin.

Fast & accurate, recognition <1 sec, FAR < 0.001%

Access port available to control one lock and xit button.

2.8 inch color LCD with an optional 5V 1900 mAh UPS, standby upto 3 hours.

FACELITE

- # Matching Speed: 1:3,000 match/sec
  - Group Matching: 1:5,000 match/sec
  - User Capacity: Max 30,000 users (1:1).
- # Operating illuminance from 0lx to 25,000lx.
- # IR based Live Face Detection (LFD). Prevent spoofing by printed images and LCDs.
- # Reads all card types including Mobile Card (NFC and BLE).
- # Extended height range: 145cm – 210cm.

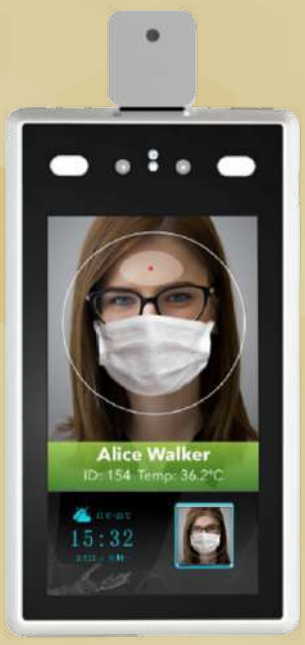
FACESTATION 2

- # Matching Speed: 1:3,000 match/sec
  - Group Matching: 1:5,000 match/sec
  - User Capacity: Max 30,000 users (1:1).
- # Operating illuminance from 0lx to 25,000lx.
- # IR based Live Face Detection (LFD). Prevent spoofing by printed images and LCDs.
- # Enhanced security from Android 5.0 Lollipop.
- # Reads all card types that HID multiCLASS supports (EM/HID Prox/MIFARE/iCLASS/ DESFire/FeliCa/NFC)
- # Extended height range: 145cm – 210cm.
  Tilt bracket for children and wheelchair access.
  Andoid 5.0 based intuitive GUI.

BIO SENTRY CARA

- # Facial ID for medium to large enterprises - face/temperature based access control terminal.
- # From 500 users capacity, (1:N).
- # Temperature measurement range upto 70 (C).
- # Fast & accurate, recognition at 300-2000ms.
- # Android 7.0 Nougat based OS with 7 inch multi touch capacitative display. Packed with a 5000 mAh Li-Polymer battery.
- # Made in India.

MF 1800A



- # Facial ID for large enterprises - attendance/access control terminal with temperature and mask detection.
- # 22400 user capacity, (1:N).
- # Temperature measurement range between 30 - 45 (C).
- # Fast & accurate, recognition < 500ms.
- # IP 34 rated water and dust resistant.
- # Linux OS with 7 inch IPS HD display.
- # Automatically identifies unmasked personnel and gives a real-time warning.

BIOMETRIC TERMINALS

BIOMETRIC TERMINALS

BM 7500

- # Applications in, National ID, Public Secutity, Healthcare, Voter Verification, Time Attendance, Law Enforcement.
- # Fingerprint scanner with face reader, NFC, GPS and 3G connectivity.
- # Strong fingerprint scanner with durable optical scanner, fully compliant with FAP20, ISO19794-2, ANSI-378, WSQ standard
- # Android 8.1 based 1.3GHz quad core processor with a 7 inch capacitative display equipped with a 2MP front camera and an optional 8MP rear camera packed with a 6000mAh battery.

BM 5300/5510

- # Applications in, National ID, Public Security, SIM Registration, Voter Verification, Mobile Attendance, Financial Services, KYC Solutions, Logistics Tracking.
- # Fingerprint scanner with NFC/Barcode Reader, 3G/4G connectivity, GPS and long lasting 4,000/10,000mAh battery.
- # Strong fingerprint scanner with durable optical scanner, fully compliant with FAP10/FAP20, ISO19794-2, ANSI-378, WSQ standard.
- # Android 5.1 based 1.1/1.3 GHz quad core processor with a 5 inch capacitative display equipped with a HD 5MP/8MP camera.

BM 5300 BM 5510

FINGERPRINT READERS

FINGERPRINT READERS

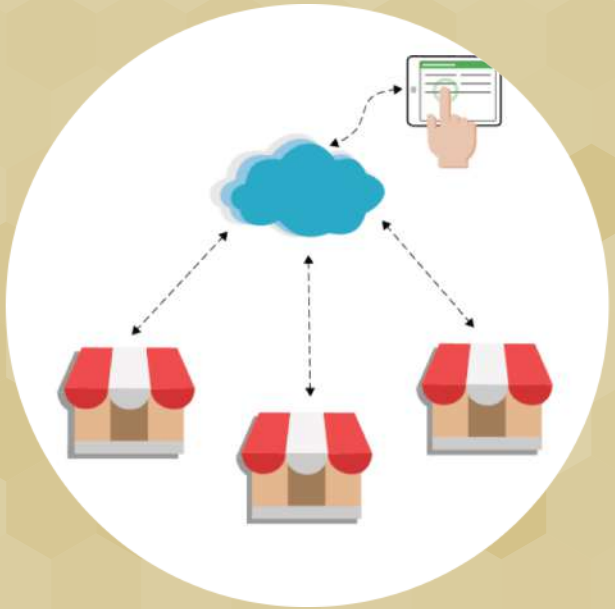
A 400

- Applications in PC/Network Security, Hospitality, Finance/Banking, Telecommunications, Healthcare.
- Supports, Windows 2000/XP/Vista/ 7/8/10, Android and other embedded OS.
- FBI certified, PIV Specification, Mobile ID FAP 10, ISO19794-2, ISO19794-4, ANSI 378, ANSI 381 and WSQ supported.
- Capacitive fingerprint technology with superior image quality. Good adaption for dry, moist and rough fingerprints, auto correction and 360 degree rotation authentication.

A 600

- Applications in PC/Network Security, Hospitality, Finance/Banking, Telecommunications, Healthcare.
- Supports, Windows 2000/XP/Vista/ 7/8/10, Android and other embedded OS.
- FBI certified, PIV Specification, Mobile ID FAP 20, ISO19794-2, ISO19794-4, ANSI 378, ANSI 381, WSQ supported and SQTC certified.
- Optical fingerprint technology with superior image quality. Good adaption for dry, moist and rough fingerprints, auto correction and 360 degree rotation authentication.

POINT OF SALES DEVICES



POINT OF SALES DEVICES

T2 MINI

Android 7.1 based Sunmi OS.

Qualcomm snapdragon octa-core processor.

Support custom display, NFC, QR code scanner 0.03 second of QR code recognization.

11.6 inch IPS HD display, view angle up to 170°.

Support Wi-Fi and 100M ethernet with bluetooth 2.1/3.0/4.0 support, 4X USB type A ports, RJ 11 serial port, RJ 12 cashbox port, RJ 45 LAN port, micro USB debug port, audio jack and 58mm or 80mm Seiko printer(optional).

V2

Android 7.1 based Sunmi OS.

Quad-core 1.3GHz processor.

5.45 inch HD display 1440×720 resolution.

5MP AF camera with flash LED & 1D/2D support.

2580mAh lithium polymer battery.

Built-in SEIKO printer, high speed thermal printer with a printing speed up to 70mm/s.

Supports GPS and bluetooth 2.1/3.0/4.0.

WiFi 2.4G/5G support.

POINT OF SALES DEVICES

BD 9300

Android 5.1 based OS.

Quad-core 1.1GHz processor.

10.1 inch capacitive touch, 1280*800 IPS display.

Fingerprint authentication along with contact and contactless card reader.

2-inch high-speed printer.

Bluetooth 4.0 supported with GPS and 4G connectivity.

THERMAL PRINTER

Unique appearance with reliable mould.

High Printing Speed up to 300mm/second.

Cord and cordless communication for options.

Multiple interfaces - USB, , USB+ Serial+ LAN; and Wifi+USB, Bluetooth+USB.

Sound and light alarm suppo ed suitable for kitchen application.

SDK for Android and IOS available.

Reliable printer head with 100km life.

POINT OF SALES DEVICES

TAB M10

Android Pie OS.

Qualcomm® Snapdragon™ 450 Processor
64-bit Octa-Core Processor (8xARM Cortex-A53, up to 1.8GHz)
Qualcomm® Snapdragon™ 429 Processor
64-bit Quad-Core Processor (4xARM Cortex-A53, up to 2.0GHz)

10.1" HD (1280x800) IPS 300nits display.

2GB/3GB/4GB RAM + 16GB/32GB/64GB ROM.

Front 2.0MP / Rear 5.0MP.

Bluetooth 4.2 WITH 4G connectivity.

TAB M7

Android Pie / Pie Go Edition OS.

MediaTek Processor
MT8321 for WiFi & 3G model - TB-7305F, TB-7305I 32-bit Quad-Core Processor (ARM Cortex-A7, up to 1.3GHz)
MT8765 for LTE model - TB-7305X
64-bit Quad-Core Processor (ARM Cortex-A53, up to 1.3GHz)

7" HD (1024x600) IPS 350nits display.

1GB/2GB RAM + 8GB/16GB/32GB ROM.

Front 2.0MP / rear 2.0MP camera.

Bluetooth 4.0 (WiFi & 3G model)
or Bluetooth 4.2 (LTE model)

SOLUTIONS

INTERNET OF THINGS (IOT)

IOT

SMART FARMS & GREENHOUSE MONITORING

IoT based Smart Farming improves the entire Agriculture system by monitoring the field in real-time. With the help of sensors and interconnectivity, the Internet of Things in Agriculture has not only savesd time of the farmers but has also reduced the extravagant use of resources such as Water and Electricity. It keeps various factors like Soil Moisture, Soil Temperature, Electrical conductivity of water, Co2, Light, Air quality, Water presence of dryness, Wind pattern and many other variables. under check and gives a crystal clear real-time observation.

Monitors carbon dioxide at different points

Moisture level of the soil or planters with different grow media

Water leak sensors for grow rooms and water storage area

INDUSTRIES & FACTORIES

The 4th Industrial Revolution, it defines the concept of Smart Factory. Behind this concept lies a mix of technologies serving the factory of the future. Connect the machines to the Internet, through the Internet of Things (Industrial IOT – IIOT), collect the data in the Cloud, treat them through Artificial Intelligence algorithms, so as to optimize the Operations, reduce costs through preventive / predictive maintenance. In a general way, to allow an optimized and centralized management of its installations, its equipment, its machines resulting in good Predictive maintenance, Asset Condition monitoring and Working Environment monitoring.

Air Quality sensor for Co2, Pm2.5, temperature, humidity etc.

Special Application device to measure vibrations

Thermocouple to monitor the quick changes in high or low temperature

IOT

DATA CENTERS

A data center covers the network's most critical system and prime functioning. Every business and organization needed a reliable facility for IT infrastructure. Our IoT Sensors are easy to install to do monitoring and control of the environment easily scalable with addons as needed for expansion. The precise location of a water leak under the raised floor can be easily detected along with the other key metrics. And air conditioning control, Switch monitoring, UPS status, Vibration. Temperature humidity all are displayed on the Dashboard.

Monitoring of Door open/close for server rack doors and entry/exit doors

Split air conditioner temperature control and remote cycling between operating and standby

Water Leak detection under the raised floor

FOOD & RESTAURANT INDUSTRY

Super Markets, Restaurants, Franchise Stores are busy with day to day operational challenges were environmental monitoring is a must but becomes an added task to their busy schedule. Our Industrial quality wireless devices can be installed to measure key metrics like Temperature, facility Air Quality, Freezer Temperature, Compressor Current quality, Fire & Water leakage that are required and keep the facility in compliance. Our devices not only monitor the environment but also learn employees' behavior equipment efficiency that will convert to energy savings and quick return on investment.

Compressor On/Off monitoring

Air quality of the facility

Temperature and humidity of walk in coolers and freezers

COLD STORAGE & CLIMATE CONTROLLED STORAGE

Cold storages or special climate-controlled facilities like laboratories are at risk when the environment is not prioritized. Vaccines that are not stored and administered under ideal conditions cannot ensure the effect that's indented by manufactures. Climate controlled storage for food and also warehouses need to be under similar environmental monitored conditions. Government electronic complacence records and exchanges of health information put much pressure on employees to keep up-to-date logs on their storage. An automated process by the IoT platform makes things easy for employees and corporations.

Three phase current meter to monitor and determine the efficiency

Occupancy sensor that can give information about the presence, temperature and light level of any room.

Humidity and temperature of the room at different zones in the facility

CYBERSECURITY

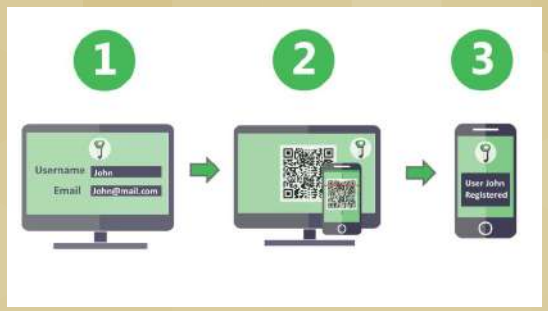
CYLOCK MFA

An Extra Layer Of Authentication To Protect The Data With Ease,Strong Secure Connection. A Second Factor Authentication (2FA) solution that employs mobile devices as authentication factors. Forget expensive and cumbersome tokens, or non-user-friendly SMS OTPs. With this 2FA deployment, management and support get simplified. Achieve up to 40% reduction in Total Cost of Ownership as compared to hardware tokens. With option of on premises deployment or cloud based 2FA-as-a-Service, you can tailor it to your exact needs. CyLock uses technology your users already possess and are familiar with-smartphones and tablets. What's more, with industry leading feature set and secure Out-of-Band authentication, we stand apart from the competition. Whether you are looking to add 2FA to log-in systems or for transactions, VPNs to SSH, CyLock is the 2FA solution you deserve.

ADVANTAGES OF CYLOCK

No Hardware Required:

CyLock is a token-less 2FA solution. So no need for special hardware / token device to generate OTP during authentication. Authentication is done through end users mobile phone

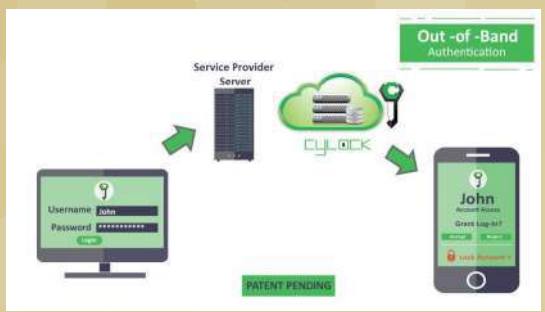


Easy Self Enrollment:

Enrolling end-users into a 2FA system is a time-consuming, error prone and costly process. That is why CyLock comes with a convenient, QR code based, self-enrollment feature. With a quick scan of a custom generated QR Code and few taps, your users are automatically enrolled into and protected by CyLock.

Cloud or On-Premises:

CyLock can be deployed either on cloud (AWS or Azure or Google or any other cloud service provider) or on-premise data center



Out of Band Authentication:

Averting modern cyber-attacks such as Phishing, Man in the Middle (MITM) and other Single Channel attacks require sophisticated 2FA solutions. Existing solutions such as OTP hardware tokens, SMS OTPs, Phone OTPs or even transaction signing tokens do not offer full protection against these attacks. CyLock employs secure secondary channel communication with your enterprise apps and services, otherwise known as an Out-of-Band channel, to overcome such attacks.

USE CASES

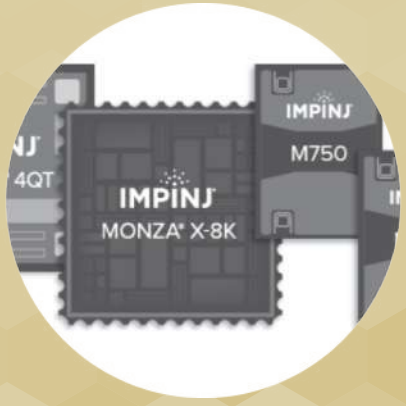
Retail Banking:

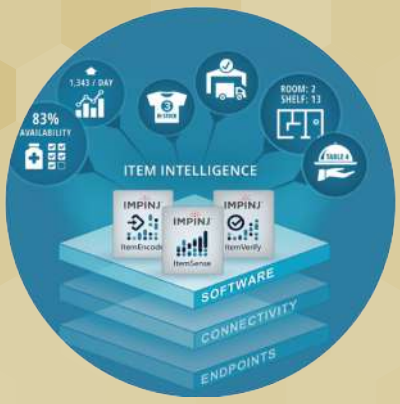
a. Internet Banking login with 2FA (eliminate OTP)
b. Beneficiary Registration (Eliminate OTP)
c. Transaction – RTGS, IMPS, NEFT etc.
d. Cheque Book request
e. Download Statements
f. NO OTP required to conduct transaction when users are out of country, as push notification can reach if Internet is available in the phone
g. Register multiple devices to carry out transaction with ease (For example, customer might have one phone for India and another for USA (any other country). Customer can select which device to get push notification
h. For fall back mechanism, customer can carry out transaction offline using our COTP method
i. For any new service opening like FD, RD, demand draft, online shopping, bill payments etc.
j. Customer user Management (change customer information , change user password, change of transfer limit, change security question etc.,)
k. For ECS (electronic clearance service) when there is price change happening month on month, user can stop the transaction if they suspect unusual activity.

CyLock 2FA can be enabled for corporate banking:

a. Corporate Banking login with 2FA (eliminate OTP)
b. Beneficiary Registration (Eliminate OTP)
c. Transaction – RTGS, IMPS, NEFT etc. Maker / Approver concept. Team member generate the request, approval is given by Organization Head / MD / CEO etc. This will enable the approver to complete the transaction from Anywhere, anytime, based on priority
d. Salary bulk upload process – Maker /Approver using 2FA
e. Cheque Book request

RFID SOLUTIONS





ASSET & INVENTORY MANAGEMENT

Rain RFID supply chain and logistics solutions.

Work smarter, not harder.

In a fast-paced global economy, there is little room for mistakes. Organizations still reliant on manual asset management methods—barcodes, spreadsheets, and sticky notes—risk making costly errors that can have big impacts down the line.

Businesses need to know the location, inventory levels, and maintenance records of assets in real time so they can operate efficiently and effectively.

RAIN RFID asset & inventory management solutions are transforming your businesses by making operations smarter, simpler and more streamlined. Accurate real time data put you in the drivers seat . Helps you optimize operations, eliminate inefficiencies and streamline processes.

The Assets & Inventory management solutions include shipment verification, asset management, inventory location, content verification, and pallet build verification.

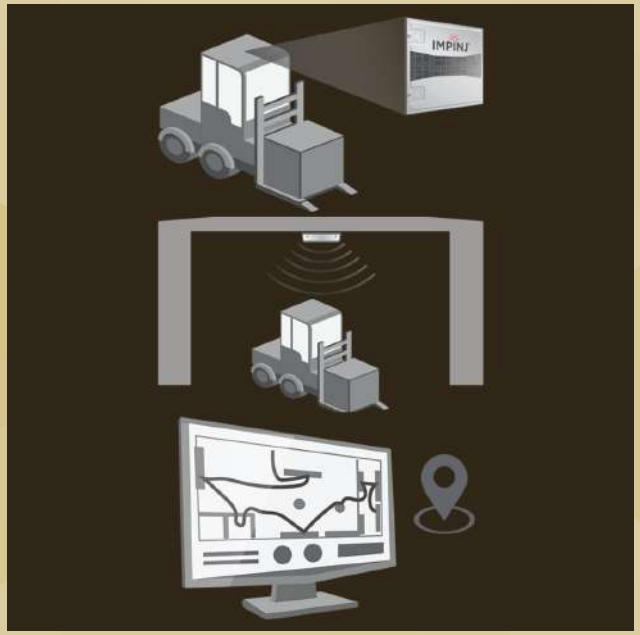
ASSET &
INVENTORY

LOGISTICS ASSET MANAGEMENT

RAIN RFID solutions automate the management of supply chain and logistics assets, helping you maximize your investment. RAIN RFID is an inexpensive, battery-free technology that wirelessly connects information about an item's identity, location, and authenticity to business enterprise systems. Assets are tracked as they move in and out of areas, and through your warehouse or facility. This lets staff see their location in real time and gain visibility into equipment status for efficient, easy resource planning.

ASSET &
INVENTORY

HOW IT WORKS



Attach Impinj-powered RAIN RFID tags to mobile tools, equipment, and other assets.

Use Impinj readers and gateways installed in doorways and ceilings to wirelessly identify and locate items.

Get accurate, real-time data about assets in your operation delivered to your business software systems.

Returnable Transport Item (RTI) Tracking:
Track reusable containers to ensure timely returns, adequate inventory, and scheduled maintenance conformance. Automate the RTI management process by sending alerts to operations personnel of missing, lost, or past-due RTI returns.

Equipment Tracking:
Critical equipment like forklifts, pallet jacks, and bin carts transporting materials must be in good service and available or line-downs and inefficiencies can occur. Manage valuable equipment to increase utilization, manage maintenance, comply with safety requirements and improve efficiency.

Tool Tracking:
Track critical tools, gauges, and fixtures to quickly support assembly and logistics operations. Drive efficiency in changeover and maintenance processes with RAIN RFID tagged tools and avoid line-down situations.

Hazardous Materials Management:
Track hazardous materials to ensure proper handling, orderly storage, and traceability. With accurate and real-time location of these materials, ensuring compliance and personnel safety can be automated.

ASSET &
INVENTORY

PALLET SHIPMENT MANAGEMENT

Manual tracking of pallet contents, and inbound and outbound shipments can no longer keep pace with the speed of business. But with an automated RAIN RFID monitoring solution, you can. Shipment verification connects real-time data about items passing through dock doors with the systems that run shipping and receiving. Battery-free and easy-to-deploy, the platform uses RAIN RFID technology to identify thousands of items per second (without direct line-of-sight) at a distance of up to 30 feet. Gain insights that can further automate processes and drive operational efficiency.

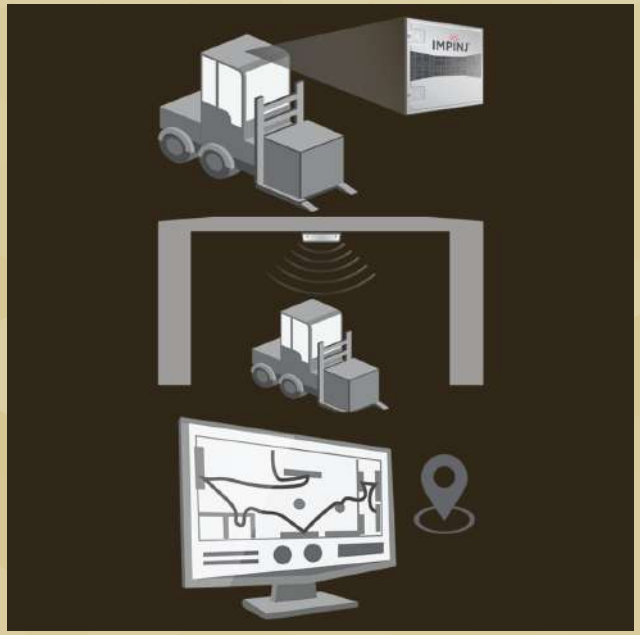
ASSET & INVENTORY

HOW IT WORKS

Attach Impinj-powered RAIN RFID tags to mobile tools, equipment, and other assets.

Use Impinj readers and gateways installed in doorways and ceilings to wirelessly identify and locate items.

Get accurate, real-time data about assets in your operation delivered to your business software systems.



Load the right items on the right truck, every time:
Read tags that are on pallets, cases, or items to ensure that the right goods are on the right truck, every time. Verify shipments against manifests and alert your team when a shipment is incomplete, contains the wrong items, or is loaded on the wrong truck.

Monitor the direction of movement in and out of doorways:
RAIN RFID from differentiates the directional movement of items for greater accuracy and flexibility. This allows for bi-directional dock operations, multi-door forklift loading practices, and prevention of theft from the dock door.

Install readers in any doorway scenario:
Installing gateways above doorways eliminates collisions with forklifts that happen with readers placed on posts in doorways. The gateways are flexible for installation needs – above, between, or beside doorways, and are proven to work in rough environments.

Gain real-time, accurate data about the movement of goods in your operation:
Integrate real-time, item-level RAIN RFID data into enterprise shipping and logistics applications. The integration is proven and simple. You'll have accurate information that enables your team to make key business decisions.

ASSET & INVENTORY

- **Achieve high performance, high data integrity, high confidence:**
  Gain confidence that all shipment data is correct in the system of record. The platform includes algorithms, diagnostics, and advanced capabilities that eliminate stray reads, automatically adjust system performance, and ensure accurate tag data delivery.

- **Track reusable shipping containers and other assets:**
  Add RAIN RFID tags to reusable shipping containers for automated management of where the containers have gone and when they've been returned.

RFID

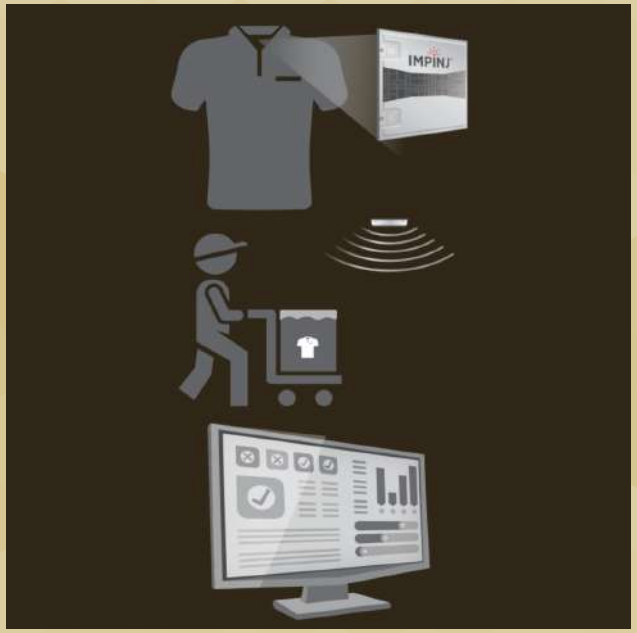
LAUNDRY MANAGEMENT

Processing laundry and uniforms poses a unique problem: many items look identical but need to be identified and tracked individually. Consider that commercial laundry can feature hundreds of identical-looking uniforms, linens and towels and tracking inventory starts to look like a mess.

RAIN RFID readers and tags create an automated system to keep track of each individual item, and information like the owner's name, the way it's supposed to be washed, where it should be returned, and more— ensuring laundry tracking is a simple, clean process.

LAUNDRY MANAGEMENT

HOW IT WORKS



Sewn-in RAIN RFID tag chips identify each piece individually.

RAIN RFID readers installed over transition points, like doorways, or laundry chutes, read and record tag information.

Laundry systems now include reliable inventory counts and data about the items' source and status in the cleaning process. Staff can receive alerts when items are mishandled or confirmations of correct delivery.

 # Simplify bulk handling of laundry items:
Sorting, handling and counting laundry manually is a time consuming and inaccurate process. Laundry tagged with RAIN RFID can be identified and tracked by client in bulk. And, as a hands-free system, it also eliminates the need for staff to handle soiled or dirty items.

 # Ensure delivery to the correct customer:
Because things like linens, towels, and robes, may look alike from one client to the next, it can be difficult to ensure freshly laundered items end up at the right location. With RAIN RFID uniform and linen tracking, it's easy to identify the origins of tagged laundry and ensure linens are sent back to the correct client.

 # Clean laundry to standard:
Laundry processes are difficult to keep track of, with certain pieces requiring special treatment. Data about the type of cleaning that has taken place can be encoded into the RAIN tag as actions are completed to guarantee laundry is done to standard every time.

RFID

HOSPITAL MANAGEMENT

RFID solutions in healthcare.

RAIN RFID delivers ROI and helps hospitals provide safer and better care.

Every healthcare enterprise is challenged to deliver the best possible patient care while reducing costs and improving outcomes.

Our Item Intelligence helps healthcare providers know where medical supplies, equipment and staff are located at all times, keeping the focus on patient care and not on operational tasks. With our healthcare solutions, hospitals and other medical facilities can save time, reduce inventory spend, and improve patient care – allowing clinicians to spend more time doing what they do best.

Item Intelligence is the data that streams wirelessly from items tagged with RAIN RFID technology. It provides real-time, actionable information about each tagged item's identity, location and authenticity.

HOSPITAL MANAGEMENT

ASSET & EQUIPMENT MANAGEMENT

As hospital staff go about the busy work of taking care of patients, medical equipment is constantly being moved from room to room. RAIN RFID technology is emerging as a low-cost, high benefit technology solution to automate tracking of mobile medical equipment and ensure assets are in the right place at the right time.

Our platform automates the tasks of tracking, locating, and managing medical equipment. RAIN RFID is an inexpensive, battery-free technology that wirelessly connects information about an item's identity, location, and authenticity to the hospital's enterprise systems. Assets are tracked as they move in or out of service rooms and through the facility. This allows staff to see their location in real-time and gain visibility into equipment status to help plan resource use.

HOSPITAL MANAGEMENT

HOW IT WORKS

Attach Impinj-powered RAIN RFID tags to mobile medical equipment and other assets.

Use Impinj readers and gateways installed in doorways and ceilings to wirelessly identify and locate items.

Get accurate, real-time data about assets in your hospital software systems.

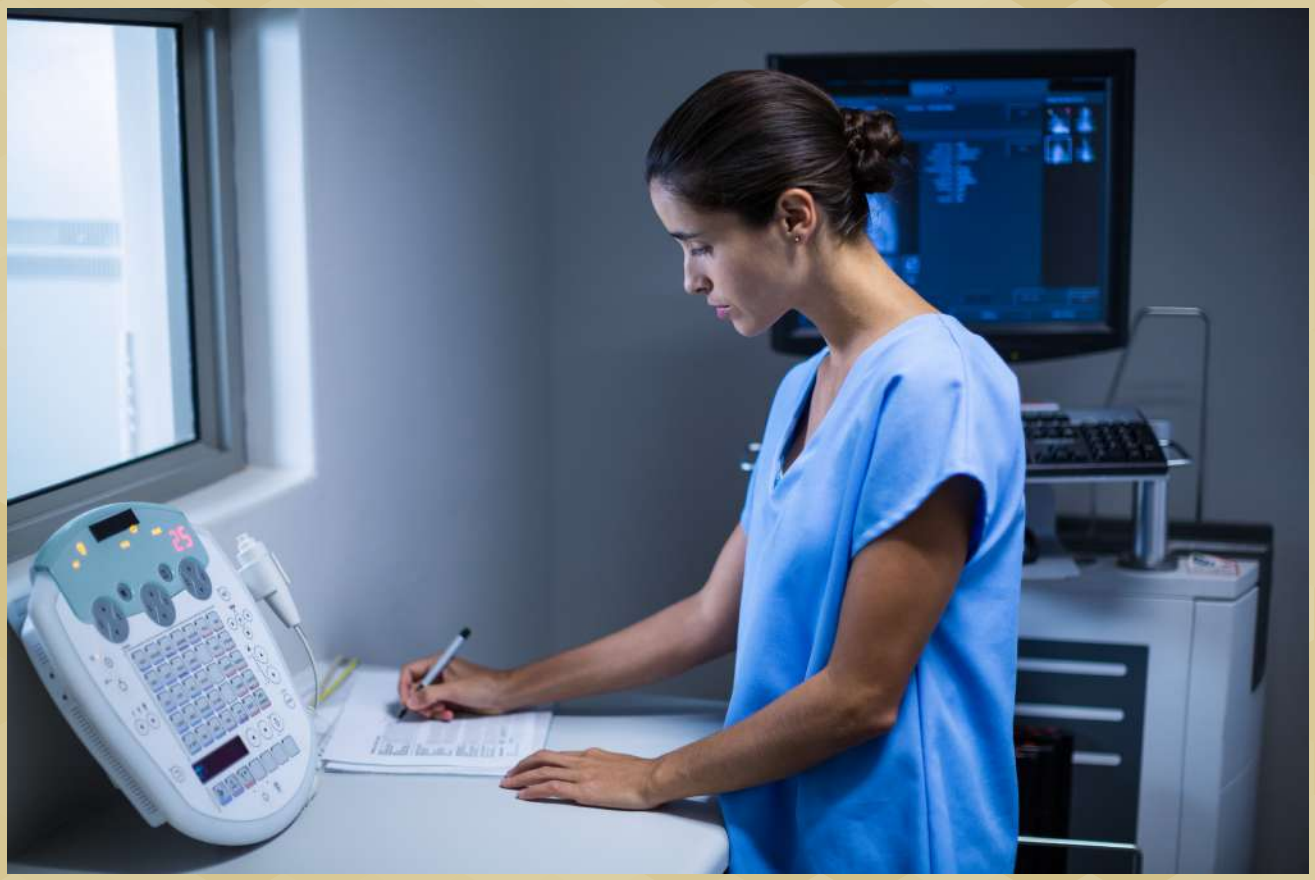
Impinj RAIN RFID enables RTLS and RTHS:
RAIN RFID is a wireless technology that can be used to enable a real-time location system (RTLS) or real-time health system (RTHS). A RAIN RFID system can read thousands of items simultaneously, without line-of-sight. These tags are durable and don't require batteries.

Replace manual asset tracking with automated inventory intelligence:
With RAIN RFID, tracking is automated and the data is always current and correct, thus eliminating slow, error-prone manual processes. Staff has confidence in inventory reports and is assured that the equipment they need will be available when they need it.

Maintain availability while lowering capital costs:
An average of 15% of hospital assets are lost or stolen each year, which leads to a real financial cost from an inefficient asset management system. With accurate inventory data, hospitals reduce capital expenditures and rental costs through efficient use of equipment. And they ensure compliance with maintenance, cleaning and billing processes.

Reliable and automated documentation for increased compliance:
With automated recordkeeping, hospital management is assured that required processes are followed. Increased communication about the status and availability of assets reduces the need for staff to take shortcuts with required processes.

Reduce wait times and deliver a better experience for patients and staff:
When equipment is available, everyone benefits – patients are served efficiently and staff time is maximized. Staff become confident in asset availability and can better plan their time.



HOSPITAL MANAGEMENT

SUPPLY & INVENTORY MANAGEMENT

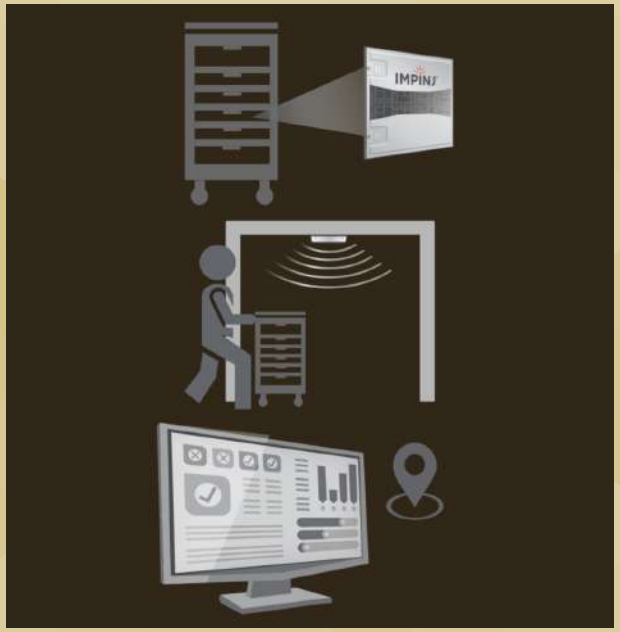
Outdated methods for inventory management of medical supplies are time-consuming, labor-intensive and prone to error. RAIN RFID solutions provide real-time visibility into inventory levels, improving utilization and decreasing waste.

Hospital supply chain teams are responsible for ensuring that the right medical supplies are readily available when and where needed. However, many of the systems in use today for supply management are inefficient and do not support these goals.

The platform uses RAIN RFID technology to provide accurate, real-time visibility into inventory levels across multiple supply rooms in multiple facilities. Solutions built on the Impinj platform eliminate inefficiencies in the system including stockouts, over-ordering, hoarding of supplies, and wasted supplies.

HOSPITAL MANAGEMENT

HOW IT WORKS



Attach Impinj-powered RAIN RFID tags to supplies and medications.

Use Impinj readers or gateways mounted in cabinets, doorways or rooms to wirelessly identify and locate medications and supplies.

See accurate, real-time data about inventory across multiple supply rooms in multiple hospital facilities.

Automate inventory counts for streamlined resupplying:
The management of supplies is often a manual and error-prone process, relying on clinical staff and distracting them from their primary focus of patient care. RAIN RFID can automate these tasks, reduce errors and speed up processes.

Eliminate waste from over-ordering and expired medications:
A lack of reliable data about supplies needed for procedures creates substantial overhead due to restocking of unused supplies and the time needed to gather supplies. RAIN RFID delivers accurate, real-time data about supply location, levels and consumption to eliminate waste.

Improve patient charge capture:
Inaccurate tracking of consumed supplies can have a direct financial impact on health systems due to incomplete charge capture for procedures. RAIN RFID automates identification of supplies consumed in caring for patients and ensures complete and proper charges for those supplies.

HOSPITAL MANAGEMENT

 # Simplify medication management:
Managing medication trays is labor intensive with employees replenishing inventory, checking expiration dates and filling out paperwork multiple times per day. Human errors result in increased waste, costs and risk to patients. RAIN RFID automatically ensures the right medications are available, tracks expiration dates, and captures charges.

HOSPITAL MANAGEMENT

PATIENT & STAFF WORKFLOW MANAGEMENT

The trend in the healthcare sector is more towards providing high quality care with maximum efficiency.The healthcare providers now have to also focus on availability of rooms and assets, cleanliness, and compliance with regulations..

By automating the tracking and management of these activities with RAIN RFID solutions, healthcare providers stand to gain valuable time to focus on the quality of their care, not background processes. This includes ensuring patient transport equipment is available when it's needed, delivering better visibility and data around patient-staff interactions, automatically tracking supply usage to eliminate errors, and more. With an integrated, automated RAIN RFID system in place, hospital staff can focus on what matters most — caring for patients.

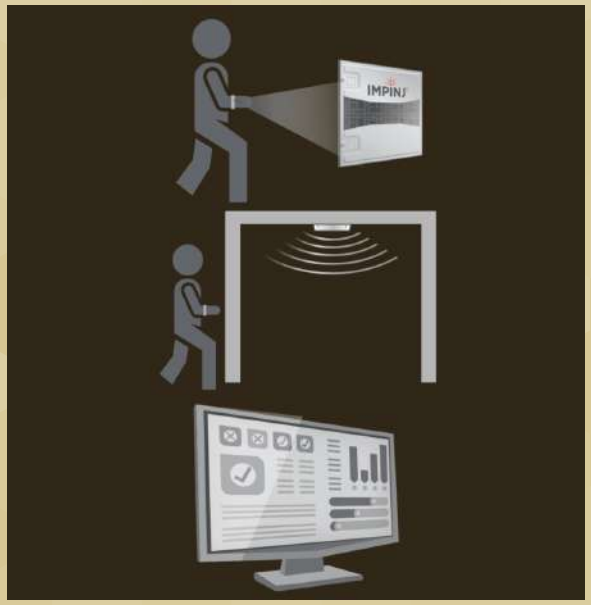
HOSPITAL MANAGEMENT

HOW IT WORKS

Attach Impinj-powered RAIN RFID tags to items you wish to track such as patients, shared assets such as wheelchairs or commonly used medical supplies.

Place Impinj readers in doorways or hallways to automatically identify items or people that pass through.

The collected data is sent back to hospital management systems to better optimize efficiency and practices.



Increase bed capacity without increasing beds:
Hospitals lose valuable time and revenue when patients leave and their room isn't cleaned and made ready for the next patient quickly. RAIN RFID systems can monitor patient movement and automatically notify environmental services staff when a room is ready for cleaning. Patients get checked-in faster and beds have less down time, which improves revenue capture.

Reduce patient wait times for equipment and services:
Where spreadsheets and sticky notes have failed, RAIN RFID-enabled solutions ensure transport equipment and other mobile assets are always easy to find. Automated, integrated RAIN RFID systems not only reduce wait times, but increase workflow efficiency for an overall improved patient experience.

Fight hospital-acquired infections:
Without understanding how infections spread, it’s impossible to mitigate their effects. RAIN RFID systems can track time staff spends washing hands, offering valuable insight into staff behavior and policy compliance. With better visibility, policies can be adjusted to fight the spread of infections and keep patients safe.

HOSPITAL MANAGEMENT

Ensure all hospital supplies are readily available:
Taking inventory of the vast number of supplies, implants, and other devices used is time-consuming, and mistakes may be costly. RAIN RFID automates tracking of supplies, which reduces errors, and lets staff make patient care their primary focus.

Automate medication management to reduce costs and waste:
From ensuring that patients get the right medications, to discarding recalled or expired products, to keeping everything stocked, there's a lot to keep track of where pharmaceuticals are concerned. An automated RAIN RFID solution provides hands-free tracking of all medications to reduce errors, waste, and ultimately overhead costs.

VEHICLE MANAGEMENT

RFID solutions in vehicle tracking.

RFID solutions help in making car parking lots more efficient.

In the modern world where security and efficiency are of utmost importance, solutions for vehicle management are necessary. Vehicle management using RFID tags includes the Vehicle Tracking & Parking Management Solutions. Both these solutions ensure safety, efficiency and ease of operations in all sectors.

VEHICLE TRACKING

There are 2 kinds of vehicle tracking:

Traditional tracking with GPS device:

The GPS device is installed in the vehicle connected with GPS satellite. The GPS device communicates its location to the cloud server using GSM network. The cloud server receives vehicle's location and plots it on the google map. The vehicle route is plotted on the map with all the location points received from GPS device.

Tracking with RFID/NFC tags:

An NFC Tag is installed on the vehicle, it will have its unique tag ID. A mobile application will map this NFC Tag ID with the vehicle no. The user has to periodically tap the NFC Tag. The NFC tag will send its location to the cloud server along with the NFC tag ID. The cloud server will detect the NFC tag ID and distinguish the different vehicles, and plot the location on Google Maps. The user has to be advised to periodically tap the NFC Tag, so the entire route can be mapped.

VEHICLE MANAGEMENT

PARKING CONTROL SYSTEM

Does the place you work at offer parking space to their visitors? If yes, then you would need a cost-effective and secure parking control solution for the space. Whether it is for an office building, a residential complex, a gated community, a hotel, or a college campus, an intelligent parking control system would prove to be efficient, safe and secure for both your visitors and their vehicles.

VEHICLE MANAGEMENT

WHAT MAKES AN RFID PARKING CONTROL SYSTEM

The RFID Parking Control System is a control and monitoring system designed for use at residential condominiums, gated communities, business parking garages, university parking areas, and hospitality or retail centers. The system is powered by three key components:

- RFID Vehicle Tags (hang tags and windshield tags)
- RFID Readers
- Parking Control Software

These three components work together to provide vehicle parking control, and is highly customizable to fit the requirements of any parking facility. The Parking Control System ensures access is only granted to authorized vehicles in three simple steps. Here's how:

- RFID Vehicle Tags are assigned to all vehicles.
- RFID Readers are installed at entry and exit points within the parking facility. When vehicles approach, the Readers "read" the signals being broadcasted by the RFID Tags displayed on each vehicle.
- RFID Vehicle Tag transmits data, and this information is then imported into the Parking Control Software. The software tells the system to grant access to the vehicle, records their activity, and can even trigger surveillance cameras at the entry/exit points or log and bill back parking charges to the customer. This is all accessed through an easy-to-use interface.

VEHICLE MANAGEMENT

PERSONNEL TRACKING SYSTEM BENEFITS

24 hours unmanned operations

Multiple locations managed from one location

Reduces operation expenses

Remote management

TIME ATTENDANCE SOLUTIONS

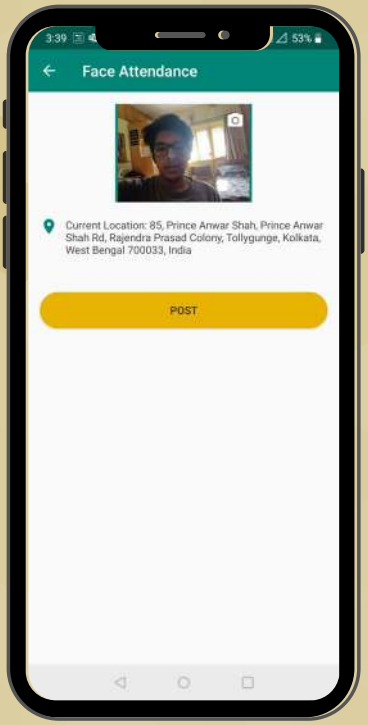
TIME
ATTENDANCE

WORK FORCE MANAGEMENT

Post the COVID Pandemic, a large chunk of workforce has been assigned to Work From Home-WFH. The challenge during this period is to get accurate Attendance of the work force and to tabulate them for Payroll and HR management. OTGHR solution using the Employee Mobile phone makes your office attendance available to anyone and everyone in your organization without the use of old, clunky, and boring software binding you to the same network.OTGHR takes care of the minutest details which might be causing you troubles as of now. With features like Geo-tagging, selfie attendance, Multi Location, Leave Management and reports on demand on the cloud, the attendance system is automated with ease and the data collected can be integrated into any company HRMS software.

TIME
ATTENDANCE

OTG HR



→ Facial recognition through selfie attendance and live face detection.

→ Automated attendance and approval.

→ Geo location and fencing when daily face attendance is marked

On the go HR (OTG HR) is an all in one cloud-based Time and Attendance Mobile app capable of handling all attendance needs anytime and anywhere. This can be used both with and without attendance devices and can handle all attendance scenarios ranging from complex reporting structures, to multiple shifts and leave management.

Due to the wide array of features, it can be used anywhere from on-field construction sites, to large conglomerates.

OTG HR is an employee self service portal as well in which an employee is responsible for all his solo operations, getting jobs/tasks from bosses, applying for leaves, and checking his personal and his team's daily, weekly, monthly and yearly attendance reports.

TIME
ATTENDANCE

FEATURES

Selfie Attendance Individual & Team:

Every employee can mark their Daily Attendance via a Selfie on the OTGHR App. Team Leads can mark attendance for all their employees from their personal login too.

Employee Tracking:

This GPS feature enables the Manager to keep a check on the whereabouts of an employee during their working hours especially when on field duty, right form their clock in to their clock-out time.

Approvals: Leave & Tour

The Employee will be able to raise a request for any kind of Leave or any information with respect to a Business Tour. The Employer, on their login, will be able to approve these requests based on their discretion.

Geo-Location & Fencing

In order to avoid any forged attendance, the OTGHR App provides an integrated feature of Geo Location & Fencing to ensure that the employee is marking attendance only from the assigned place of work.

Payroll Integration:

The OTGHR App gets integrated with most payroll systems through APIs. With push technology, these systems fit in seamlessly, providing HRs and companies a flawless experience in payroll calculations.

Task Management

This highly integrated Task Management kit can be used by managers to create, assign and forward tasks, based on deadlines, thereby keeping tabs of assigned deliverables and increasing accountability.

TIME
ATTENDANCE

STUDENT MANAGEMENT

Keeping an accurate record of student's attendance and performance is not only an important but challenging job, as there are only limited number of teachers and a lot of time is wasted in taking the attendance in classes.

Schools & Colleges constantly are looking for cost effective solutions to solve these challenges. The versatile Biometrics Smart Terminal and the Smart Roll Call solution is the answer to these issues in schools and colleges, as it offers to manage student's time and attendance with security and accuracy. Student clock in and out by fingerprint authentication allowing parents and the school to know the whereabouts of the children.

As mobile payment becomes more popular, these biometrics smart terminals allow students to make payment with fingerprint authentication from their account. With this secure way of payment, parents can review all transactions and put more money into children's account whenever the funds are used up.

TIME
ATTENDANCE

SMART ROLLCALL

In college, taking attendance of every class is repitive, nonproductive but yet mandatory. Traditional method of roll call attendance is being followed for ages now. It creates the need for digitising this process by an accurate, faster and convinient electronic tool involoving biometric verification of the students finger.

It shall comply to the following needs:

DIY - The students shall punch their own attendance accurately and conviniently while the lecture is going on, thus saving time.
Eliminate the probability of proxy attendance, there by fixing the known leakage.
Automate entry of attendance data in the College Academic MIS to capture human error/bias.
Visibility of attendance data online among students and parents for transparency.
Mobile app for students to view individual attendance report.

MICROLOG BIO

MicroLog Bio is a handheld biometric attendance management terminal.

It automates and provides a convinient way to quickly record student attendance using biometric fingerprint based technology, to ensure identification accuracy, prevent errors, and eliminate proxy attendance even from identical twins.

With a battery backup of 4-6 hours with an inbuilt wifi module and LAN port for data communication, this portable and rugged device is fall proof upto 2m.

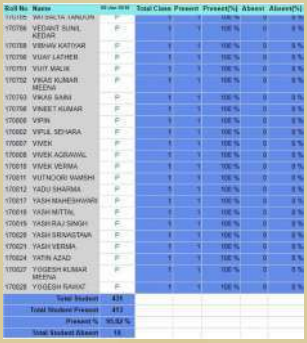
TIME
ATTENDANCE

HOW DOES THE SOLUTION WORK

Register the students and professors fingerprint for biometric attendance system.
MicroLog Bio is configured initially with Master Data like the professor, courses being taken by him/her for the semester and the students registered for the course.
During each lecture, the professor carry the MicroLOG Bio and log in using their fingerprint. After the professor logs in, the subject drop down will appear on the screen to select the class subject and making it ready for student attendance.
The MicroLOG Bio is handed over to the students to pass it around the class for each student to input their fingerprint. Upon completing the attendance of all the students, the device is returned to the professor. The professor inputs their fingerprint to log out from the device.
After the professor logs out, it is equivalent to closing the attendance register, the data is pushed to the server in bulk mode and posted in the application database for online attendance report generation.

Semester attendance

Day wise attendance



Daily report

BENEFITS

Accurate attendance: Accurately monitor student attendance to prevent proxy error in attendance.
Convenience: The handheld device is convenient to be carried to class and to use.
Saves time: Saves valuable lecture time to record attendance < 2 seconds per student.
SMS notification: An instant SMS is sent to the parent/guardian of the student missing a lecture.
Transparenct between parents and teachers: The online application helps students/professors/parents to view attendance from any device.

TIME
ATTENDANCE

PAYROLL MANAGEMENT SYSTEM

Payroll Management System is the system by which an employer can manage the salaries of the employees. It includes salary, allowances, deductions, and net payable to the employees. It also deals with the generation of pay-slips. Complicated Computations that are performed manually can be automated using the payroll system.

Ensuring employees are paid accurately and on time is a significant part of the business priority for every organization. Our Payroll Management System reduces the burden associated with employee payments and at the same time makes the management of employee payroll transparent offering complete control of the payroll run.

TIME
ATTENDANCE

Payroll Management System is comprehensive and flexible payroll software that allows managing of both contract and permanent employees payroll processing with flexible pay periods. The tight integration with the Time & Attendance module and minimal manual entries/calculations makes the payroll processing fully automated and completely error-free. Statutory compliance including the deduction of ESI, PF, Professional Tax, TDS etc. are handled in a completely automated manner.

KEY FEATURES

Complete pay runs in a few steps with fully automated payroll calculation.
Configurable pay structure/pay slabs/salary templates for each employee & employee type.
Configurable pay periods/payment cycles.
Easy capture of one-time/ad-hoc earnings.
Flexible earnings and deduction formulas.
Track loans and salary advances.
Employee emoluments, Salary hold / release.
Calculate employee increments while maintaining increment history.
Generate customized pay-slips with salary breakdown & deductions.
Auto-mailing of pay-slips to employees & transfer Instructions to Bank.
Provision for uploading documents for TDS calculation with approval.
Management of statutory compliance including ESI, PF, Professional Tax, etc.
Export reports like Pay Book, Bank Advice.
Secure access to payroll details with role-based access.

POINT OF SALES SOLUTION

SOFTWARE

Android POS systems are the next big thing in the market for small business owners and it's a wise move to be reading up about our point of sales solu on. Two reasons as to why we are expanding our POS systems. First, it's efficient. Second it's dynamic.

The range of features you find on our app will bring substance to your business dreams. Try out our inventory management combined with real me sales analy cs and you won't be le out of the know on this POS system for android on tablet and smartphone. This cash register app will provide all you need to achieve, and if you ever get stuck, our support team will be there to lend a helping hand.

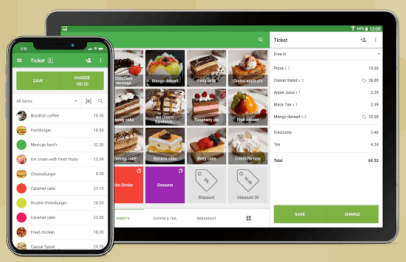
POS
SOLUTION

FEATURES

Works on Android handhelds, smartphone and tablet.
Multiple payment methods.
Give the receipt to customers in a way they prefer: printed or sent to an email.
Choose any kind of item variants.
Create, save and edit orders. Customers can pay when it's convenient.
Barcode scanning on items.
Apply discounts to the receipt or specific items.
Track cash movement to reduce mistakes and staff manipulation.
Make sales with weak or unstable internet. All data will be automatically synced once connection is restored.
Manage multiple stores under one account. Track your sales, inventory, employees and customers — everything you need to know in one place.
Advanced inventory management features like tracking, low stock notifications, inventory counts, labelling & inventory reports.
Manage individual employee sales, attendance & workload.
Advanced sales analytics report.
Create your own customer loyalty program.

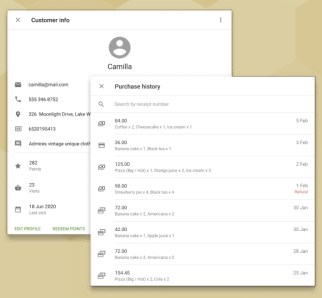
IDEAL FOR USE IN

Jewelry Store | Grocery Store | Convenience Store | Fashion & Boutique | Retail Store | Salon & Spa | Car Wash | Liquor Store



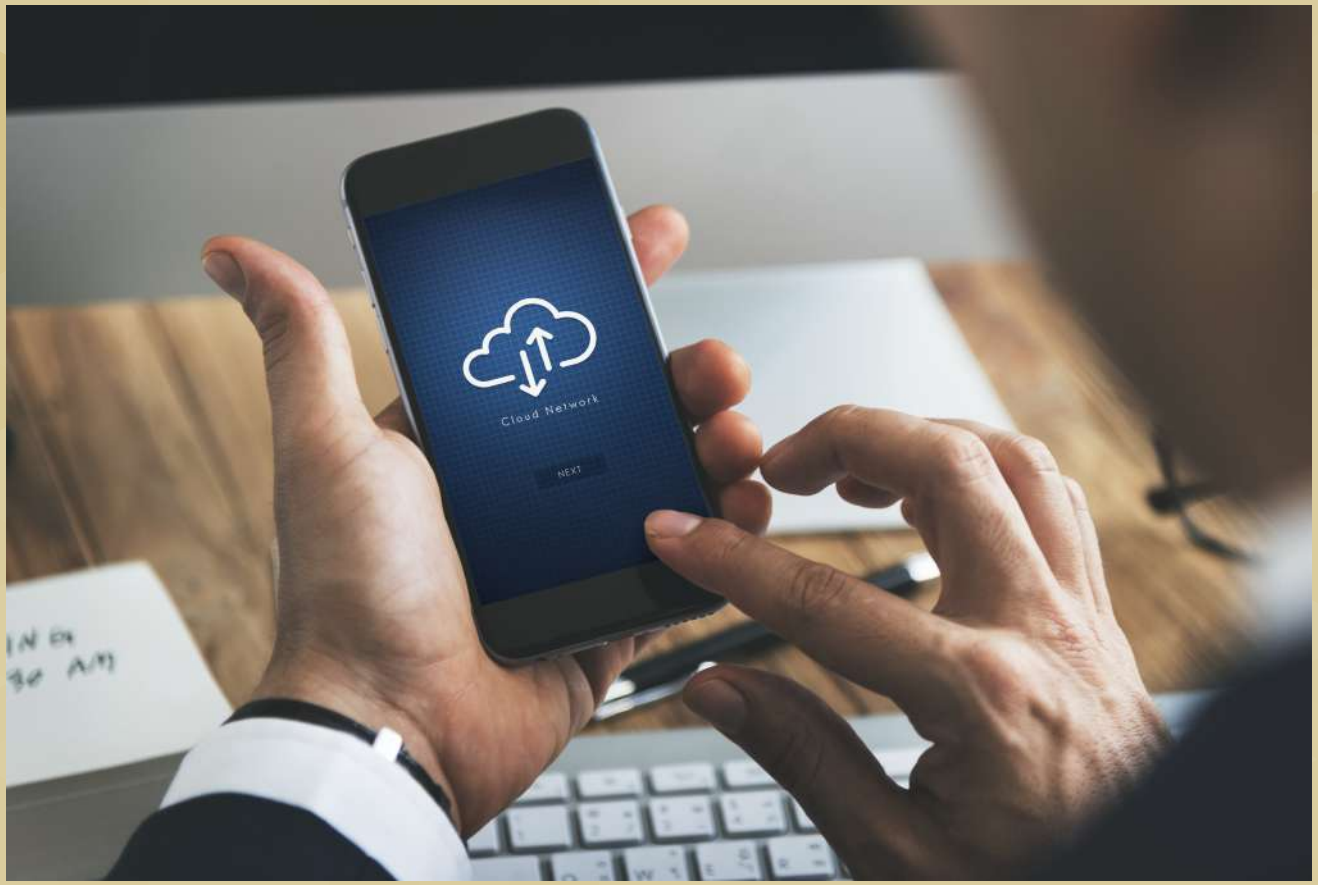
Point of Sale

Inventory Management



Customer Loyalty

MOBILE CLOUD & WEB BASED APPLICATIONS



In the modern world of technology, where everyone is moving online and owning a smartphone, having a cloud based application becomes a necessity for most organisations.

Our team of developers, engineers and partners expertise in creating a solutions in mobile, web, IoT and cloud. Along with our technology expertise we provide analytics consulting , design and creative services. We work with our clients from the ideation, concept design to product release stage. Post release we provide support and maintenance as well.

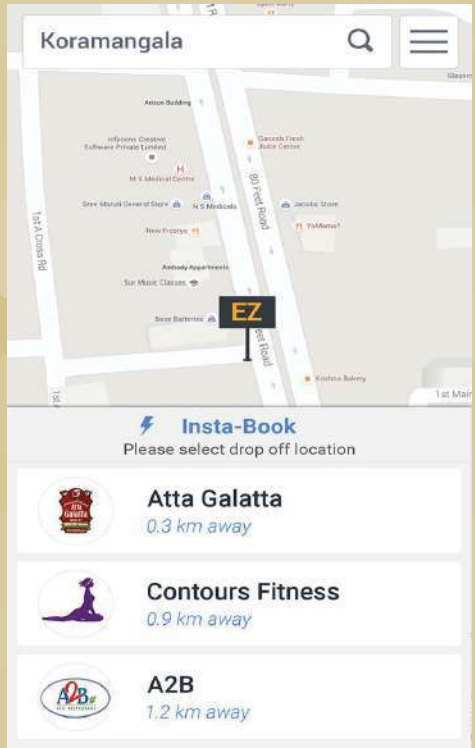
MOBILE &
WEB APPS

Valet EZ

CASE STUDY 1
VALETEZ PARKING SOLUTION

ValetEZ is an on-demand Valet booking mobile application. Everyday users desperate to find a parking spot in the hustle and bustle of Bangalore can now book a valet at designated locations and concentrate more on the business at hand rather than spend time finding a parking spot. In the last 8-9 months they have deployed a parking management platform across different places in Bangalore, Goa, Vizag and Malaysia.

Technologies used:
 # Android
 # Objective C
 # PHP (CodeIgniter)
 # Twitter Bootstrap
 # Angular JS



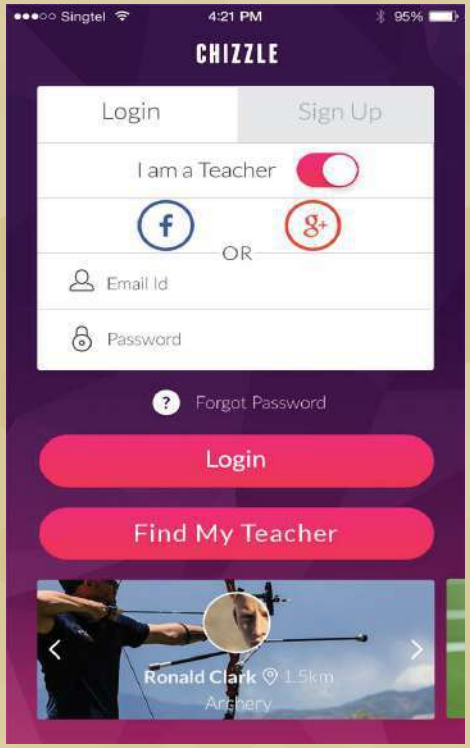
MOBILE &
WEB APPS

CASE STUDY II
CHIZZLE

Chizzle empowers students of all ages and teachers of all subject areas to come together and form an efficient learning community. Chizzle caters to learners of varying needs, interests and affinities in their search for the right teacher.

We enabled the teachers to list, manage schedules, get referred by students, run promotions, streamline payments and receipts, receive feedback and ratings and much more – all on a simple and easy mobile interface.

Technologies used:
 # Android
 # Java



MOBILE &
WEB APPS

INDUSTRIES

Finance

Healthcare

Food & Beverages

Education

E-Commerce

Parking Management

PARTNERS

COMMITTED PARTNERSHIPS WITH TECHNOLOGY LEADERS

GLOBAL PARTNERS BASED IN USA, CANADA, CYPRUS, SINGAPORE & TAIWAN.

WORLD CLASS SOLUTIONS CREATED IN COLLABORATION

FORTUNA

WatchNET IoT

CYBERNEXA

blugate

IGLU LABS
ideas • innovation • products

LOYVERSE

IMPINJ Partner Network
MEMBER

ARATEK

Lenovo

WYSE
BIOMETRICS
SYSTEMS PVT. LTD.
ISO 9001:2015
ISO 14001:2015

iMiN

SUNMI
Android POS Leader

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