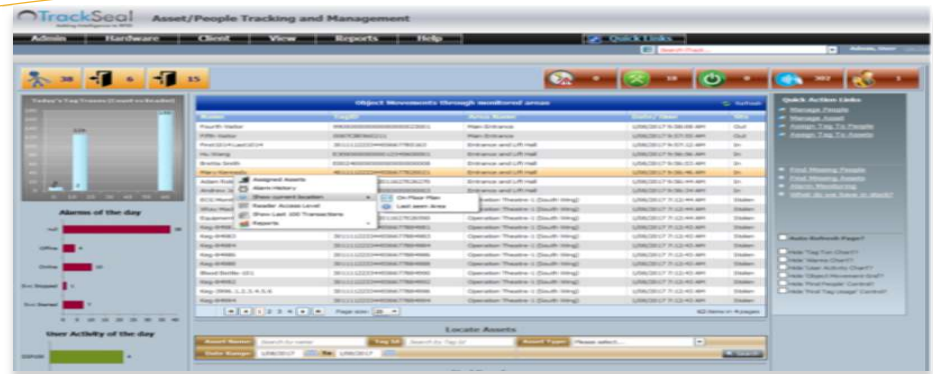# iTrack Solution Features

HIGHLIGHTS –

- Asset (fixed/mobile) movement tracking in real time
- Inventory management and asset utilization
- Stop unauthorised assets being taken out of premises
- Track people entry/exit times.
- Create Exceptions, Triggers, actions and get notifications by emails/SMS
- Workflow management
- Unified interface to various hardware such as access control, CCTV and more
- Easy Integration to client systems for data exchange
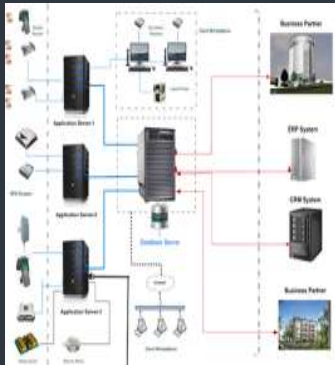- Any more such features…

SOME REPORTS –

- Find what was received/dispatched today at a click
- Find missing assets
- Find assets moved out of premises
- Find the most used assets
- Find the least used assets and reduce inventory
- Time and Attendance report
- Find available assets
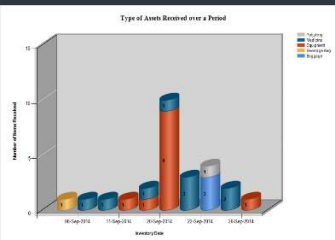- Daily sale report
- And many more

System Features –

- Web and Desktop based
- Lifetime licence or 'Pay as you go licencing'
- Supports SQL 2008 R2/2012/2014 Database
- Supports Windows 10/Windows Server 2012/2014
- Support for unlimited tags/Assets/people
- Supports for unlimited readers/scanners
- Unlimited users
- User access controlled by roles and permissions
- Support for – Motorola/Impinj/Alien/Thing Magic/Invengo/MarkTrace/Clou and many more brands of fixed readers. Additional reader support can be added on demand.
- Support Motorola/TrackSeal/Alien handheld scanner (Windows CE and Android based)
- Supports Barcode/Passive RFID/Active RFID/BLE beacon/Wi-Fi (RTLS) tags and GPS devices, all in single application
- Supports multi-site configuration (Connecting readers at many locations to one server)
- Support for Zebra label/RFID printers
- Interface to client systems (ERP/WMS etc.) using –
  - Web Services (REST/SOAP)
  - Direct database access
  - Client supplied SDK
  - CSV/XML file
- Field operations made easy with smart Mobile Readers. Supports -
  - Asset enrolment
  - Asset adding/updating
  - Asset locate/search
  - Inventory management
  - Time and Attendance
  - Order receiving and delivery
  - Asset assignment/return processing
  - Shipping, receiving and returns
  - System admin
- External hardware connectivity –
  - Access Control
  - Alarm system
  - CCTV
  - Turnstile/Traffic Barrier/Relay controller and more

Application Features –

- ➢ Asset Management
  - ▪ Adding/Enrolling assets
    - • One at a time
    - • In bulk
    - • Importing from client backend system
    - • Exporting to client backend system
  - ▪ Realtime Tracking - locating an asset on floor plan or finding last seen location of selected assets
  - ▪ Movement history – how assets are moving in tracked areas
  - ▪ Locating – finding a specific asset in warehouse
  - ▪ Utilization
  - ▪ Inventory – what do we have now, at a specific location or at all locations
  - ▪ Receiving/Dispatching – Life cycle management
  - ▪ Asset Service Management
  - ▪ Asset process management (e.g.) linen being processed by laundromat, bins filled by fruit pickers, boxed packed by packers etc.
  - ▪ Document workflow management
- ➢ Order Management
  - ▪ Internal Orders
  - ▪ External Orders
  - ▪ Customer Orders
  - ▪ Job orders
  - ▪ Purchase Orders
- ➢ People Tracking
  - ▪ Movement Tracking
  - ▪ Time and Attendance
  - ▪ Asset Assignment
  - ▪ Access Control
  - ▪ Visitor Management
- ➢ Predefined and user defined SSRS reports
- ➢ Real time location display of assets on floor plans
- ➢ Import/Export from/To client systems using –
  - ▪ CSV/Excel/XML files
  - ▪ Direct database connection
  - ▪ Web Services
- ➢ Scheduled import/export/report generation and task executions
- ➢ Emailing/SMS
- ➢ Workflow management
- ➢ Alarm handling
  - ▪ Asset being stolen
  - ▪ Asset moved
  - ▪ Service due
  - ▪ Delayed delivery
  - ▪ Not delivered yet
  - ▪ Assets expiring soon
  - ▪ Order items not as per order
  - ▪ Hardware devices going offline
  - ▪ High system resource utilization
  - ▪ Etc.
- ➢ Event/Action programming
- ➢ Customizable Dashboards

WHY TRACKSEAL?

- ➢ Architecture scalability
- ➢ Web and Client/Server based
- ➢ Intelligent data filtering, resulting high transaction handling
- ➢ Enterprise application integration
- ➢ Easy customization
- ➢ Supports unlimited assets /tags /people /reader and users
- ➢ Multi technologies run in parallel resulting choices to client
- ➢ Many built-in reports
- ➢ Easy to use application
- ➢ Quick tag/asset enrolment
- ➢ Process management
- ➢ Many ways to interface to client application
- ➢ Integration with GPS/GPRS/GSM
- ➢ And more…

TURNKEY SOLUTIONS

TrackSeal specializes in providing all types of RFID solutions, may it be asset tracking, healthcare asset monitoring or for libraries or for supply chain, we do it all.

For more information on any of our products or services please visit us on the Web at: www.trackseal.com
Or email us at –
info@trackseal.com

Architecture scalability –

TrackSeal software supports below architecture –

- • Server/Desktop machine running Web Application, Web services, Windows Services
- • Web Server or a separate server machine running Client/Server application
- • SQL Server running on either of the application servers or running on a separate machine
- • Reporting server running on any of the above servers or on a separate server to free up the application servers from running database intensive report generation task
- • Each location running a separate iTrackMini to manage local readers, fully synched with main server at all times
- • Web client running on any machine with any O/S

RFID Applications -

Industries –

- ➢ Retail
- ➢ Distribution and Warehousing
- ➢ Manufacturing
- ➢ Government
- ➢ Energy: Utilities, Oil and Gas
- ➢ Healthcare
- ➢ Education
- ➢ Law firms
- ➢ Brewery
- ➢ Farming
- ➢ Mining
- ➢ Prisons
- ➢ Law enforcement agencies
- ➢ Foreign Services
- ➢ Laundry
- ➢ Assembly/Repair shop
- ➢ Sport fields

Horizontal Applications –

- ➢ Asset Management
- ➢ IT Asset Management
- ➢ Returnable Transport Items (RTIs)
- ➢ Track and Trace: Cold Chain/Food Safety
- ➢ Weapon tracking
- ➢ Prisoner inmates monitoring
- ➢ Process Management
- ➢ Confidential Mail Tracking
- ➢ Document Tracking and workflow management
- ➢ Linen tracking and process management
- ➢ Order Management
- ➢ People Tracking
- ➢ Student Movement Tracking
- ➢ Farm equipment tracking
- ➢ Farm process management
- ➢ Secure Check-in/Check-out
- ➢ Time and attendance

TrackSeal is a leading supplier of asset tracking and asset management systems and tagging devices to the end users as well as partners for better asset management and tracking. We offer a selection of only the most reliable, state of the art & cost-efficient RFID hardware, software & tags that we endorse as the best quality and offer the best investment value levels for the specific tasks.

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