TrackerIoT

Tag. Track. Manage.

Location and Situational Awareness

Tracker IoT LLC

Software, Tracking and Security Technologies

TrackerIoT
Tag. Track. Manage.

Founded in 2005 and branded as Tracker IoT LLC in 2025

Rapidly configurable software for many industries and applications

Support for barcoding, RFID, Bluetooth and GPS/GSM tracking technologies

Turn-key solutions, installation, training and ongoing support

Global Solutions Provider

TrackerIoT
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Headquarters in USA with operations in India and Africa

Resellers in over fifty (50) countries

What we do

TrackerIoT
Tag. Track. Manage.

Tracking solutions for many industries and applications

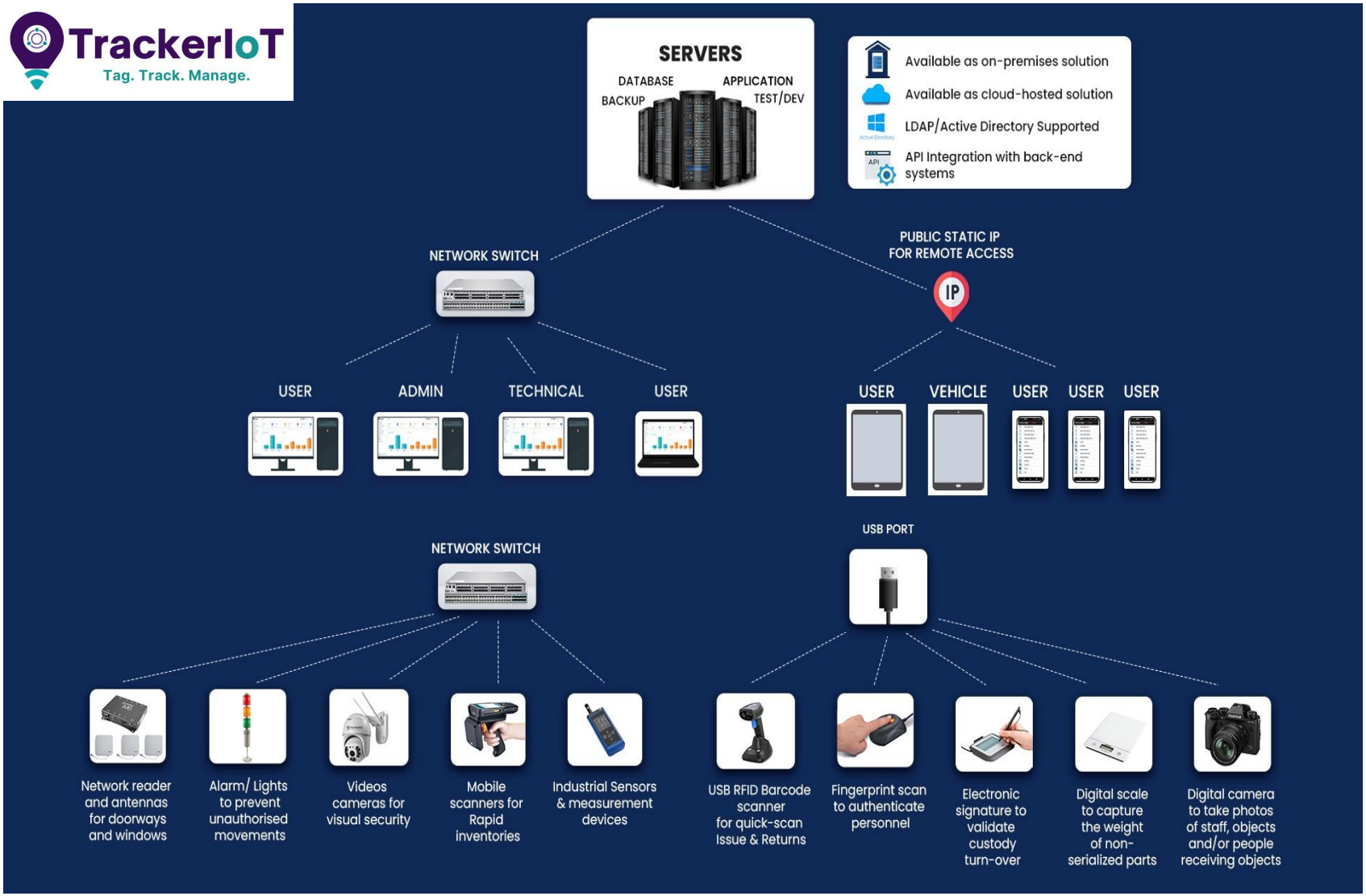
Off-the-shelf, rapidly configurable software to customer requirements

Integration with best-of-breed, global hardware and tag manufacturers

Supports Barcode, UHF RFID, Bluetooth and GPS / GSM tracking technologies

Turn-key solution deployments and ongoing support

Technical Topology



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Primary Applications

Weapon/gear/ammo tracking, accountability and security

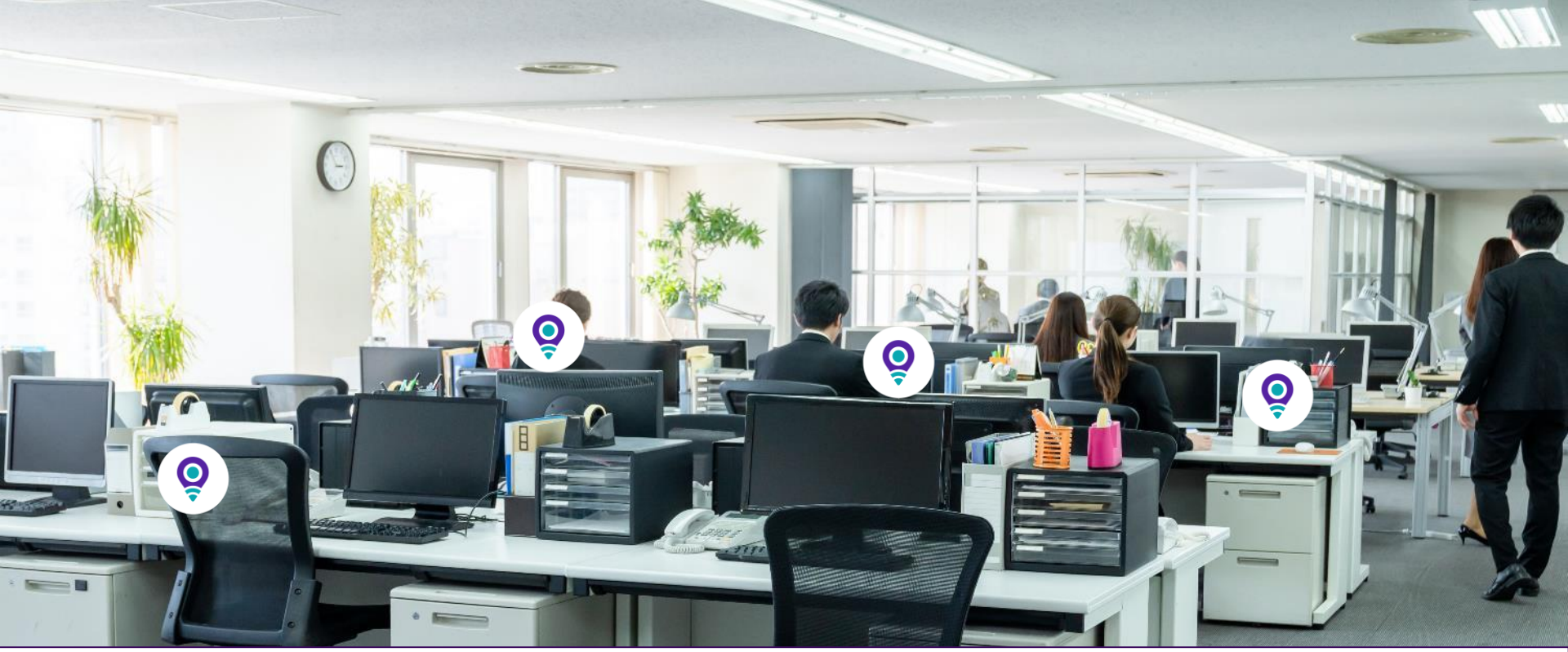
IoTWeapon Tracker
Tag. Track. Manage.

- Authenticate personnel by ID card, PIN # or biometrics
- Track weapon, gear and ammo Issues and Returns with touchscreen, barcoding and RFID passive tracking
- Ensure weapon certification, arm-status, assigned weapons, and post-assignment are reconciled against personnel credentials and duty assignment
- Validate transfer-of-custody via biometrics, electronic signature or PIN #
- Armory Bluetooth real-time inventories, GSM/GPS global tracking and shots-fired monitoring

Documents, Files and Archives

IoTFile Tracker
Tag. Track. Manage.

- Records management program and filing system design and maintenance
- Records classification system and retention schedule design and maintenance
- File management software including barcode and RFID radio wave tracking technologies
- File security at file and archive rooms, throughout facilities and at building exits
- Inventory files-in-circulation with mobile scanner to know the locations of most-active files
- Find missing files and archives with mobile scanner using color, numbers and beeps



Office Assets

IoTAsset Tracker
Tag. Track. Manage.

- Identify, register and tag all facility office assets from time of original receipt
- Manage asset assignments and transfer-of-custody from storage to person/place
- Support for software, barcode and RFID tracking / inventory / find technologies
- Complete chain-of-custody and asset history from acquisition through final disposition
- Manage warranties, maintenance agreements, insurance and other asset variables
- Depreciation calculations and real-time asset valuations

Industrial Assets

IoTAsset Tracker
Tag. Track. Manage.

Identify, register and tag all industrial assets from time of original receipt, and link asset QR codes to suppliers for product information and support

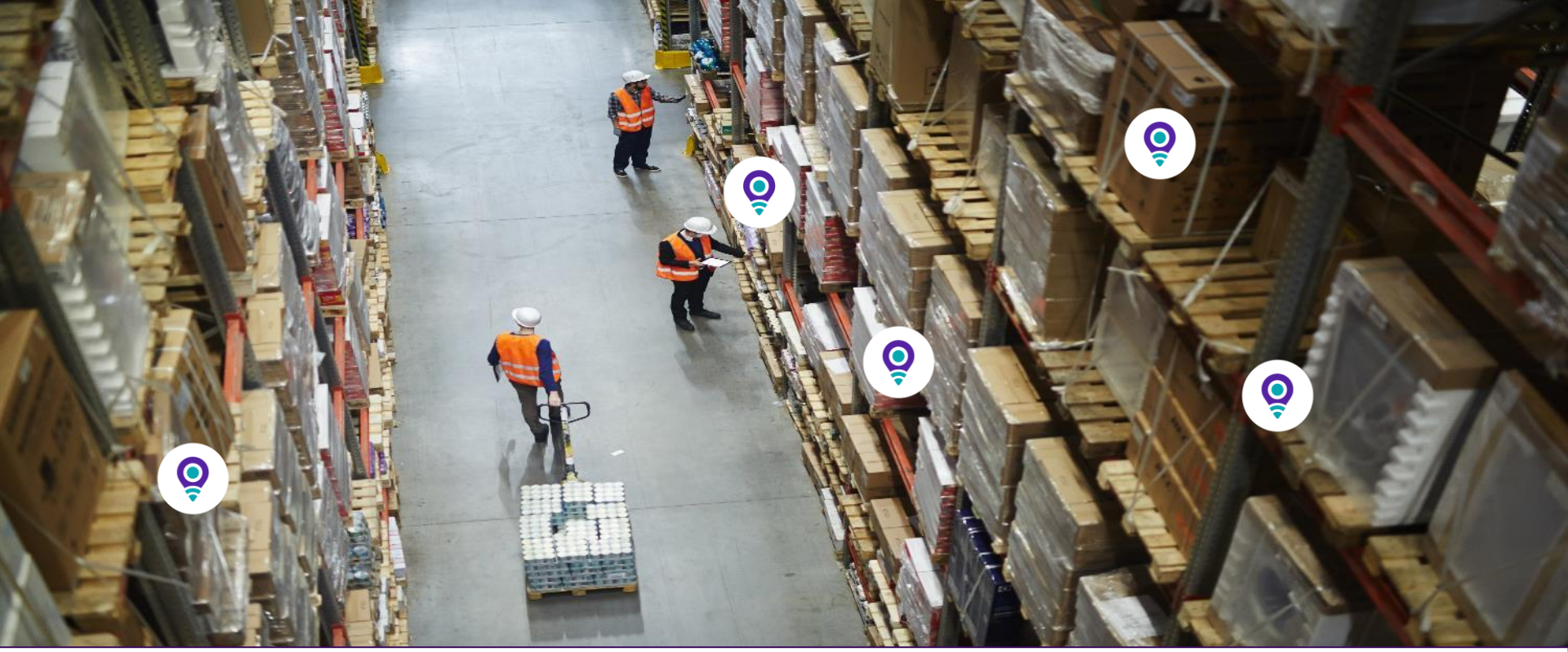
Monitors asset calibrations, inspections and maintenance for compliance

Support for software, barcode and RFID tracking, and mobile scanner checklists and functions

Complete chain-of-custody and asset history from acquisition through final disposition

Manage warranties, maintenance agreements, insurance and other asset variables

Depreciation calculations and real-time asset valuations



Warehouse Item, Pallet and Bin Tracking

IoTWarehouse Tracker
Tag. Track. Manage.

Manage the receipt of components, goods, their locations and statuses

Manage goods-in-process through the manufacture/assembly process including QC

Manage and cycle-count non-serialized parts based on quantities and weights

Track inventory with barcodes, UHF RFID and long-range, real-time tracking technologies

Outfit exits with tracking and security to prevent unauthorized removals

Parts for Facility and Asset Maintenance

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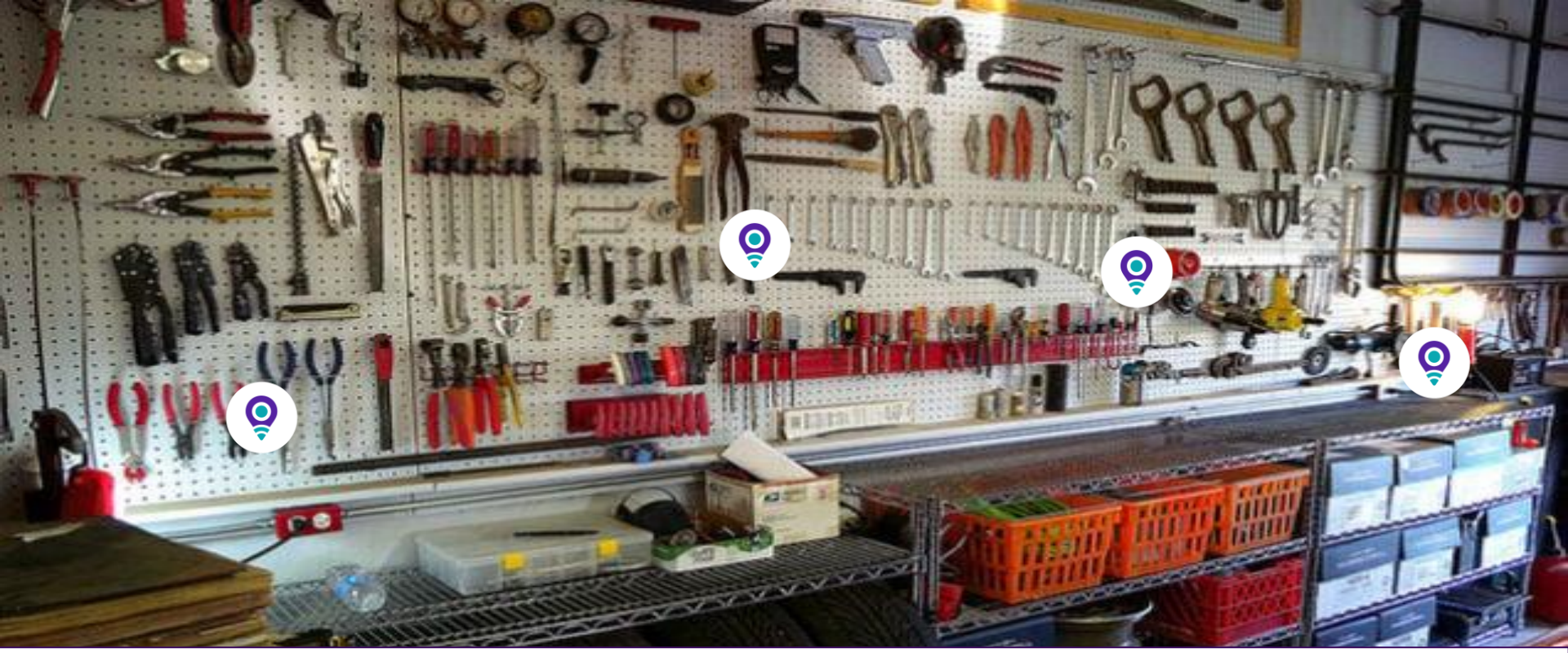
Ensure that the parts required to run your facilities are on-hand when needed

Prevent production stoppages and hampered operations

Keep track of all parts from acquisition and monitor real-time against required quantity

Track inventory with barcodes, UHF RFID and long-range, real-time tracking technologies

Utilize USB, mobile and networked readers to track parts real-time



Industrial Tools for Facility and Asset Maintenance

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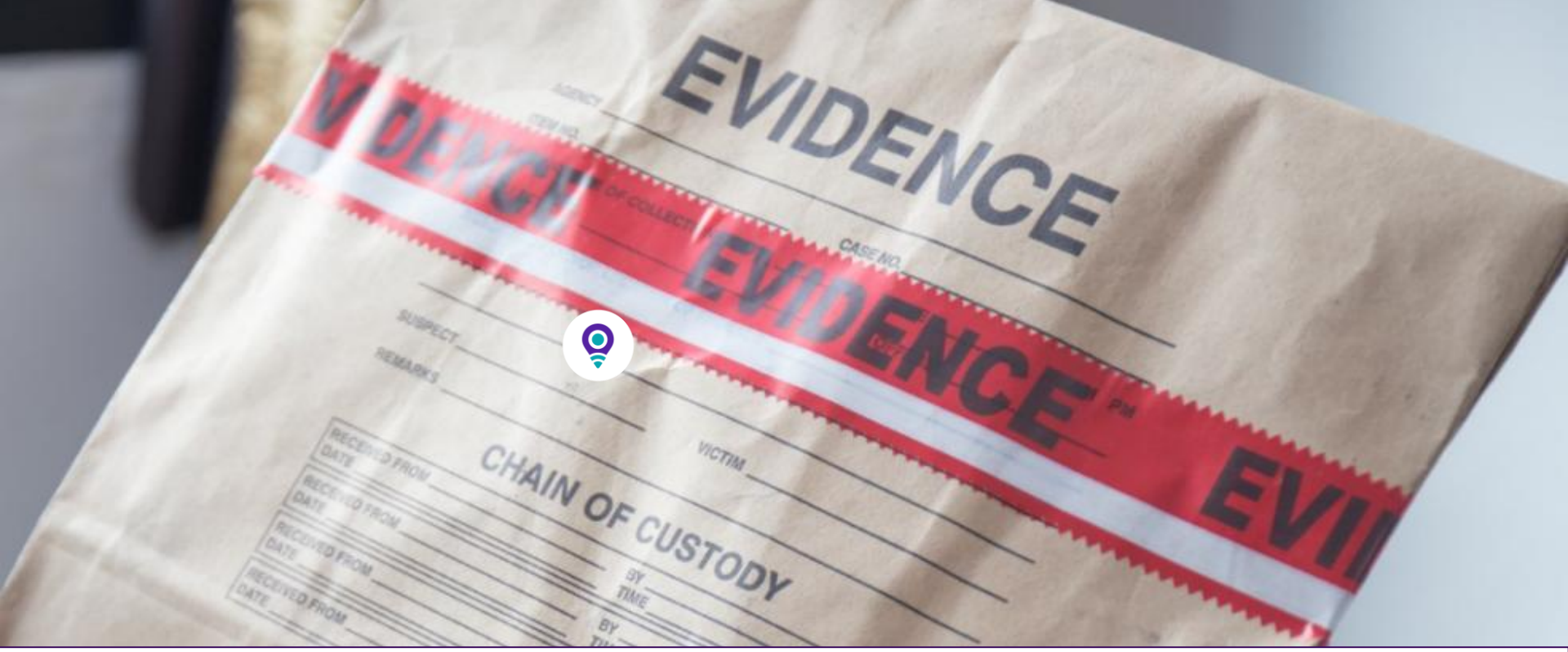
Register all tools in computerized electronic database with ID #’s

Provide computer and/or kiosk(s) for keyboard/mouse/touch-screen check-in and check-out

Implement RFIF antennas at tool crib entrance / exit(s) to passively track tool movements

Mobile barcode/RFID scanners and tablets to inventory while in-circulation or in-storage

Manage tool inspections, maintenance and readiness



Police Evidence and Seized Property

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Identify and register narcotics, currency, weapons, vehicles, property and other objects related to crime scenes

Manage individual objects, containers and objects-in-containers/bins/bag

Track property and evidence to specific storage locations

Inventory objects-in-storage, objects-in-circulation, and, find needed ‘missing’ objects utilizing mobile scanner

Enforce chain-of-custody with electronic signature pad, PIN pad or biometrics

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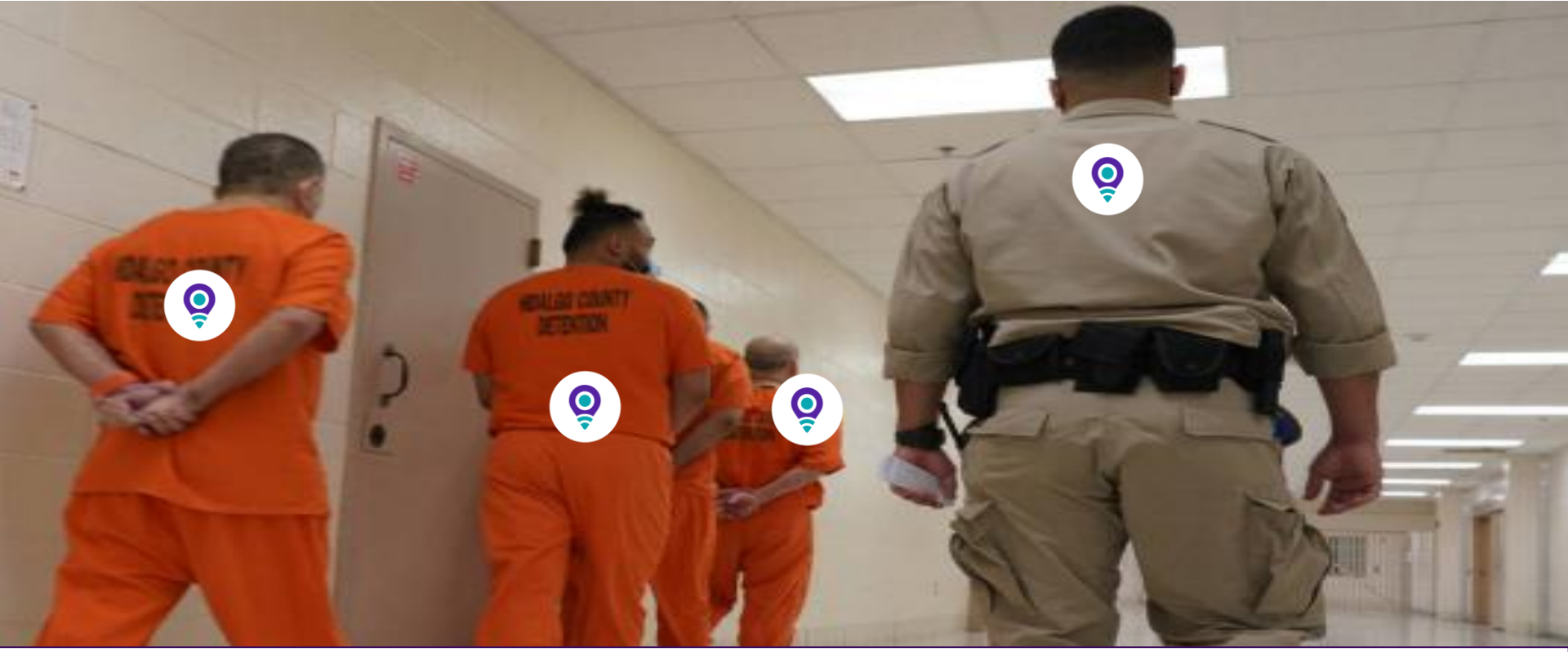

Detainees and Officers in Detention Centers

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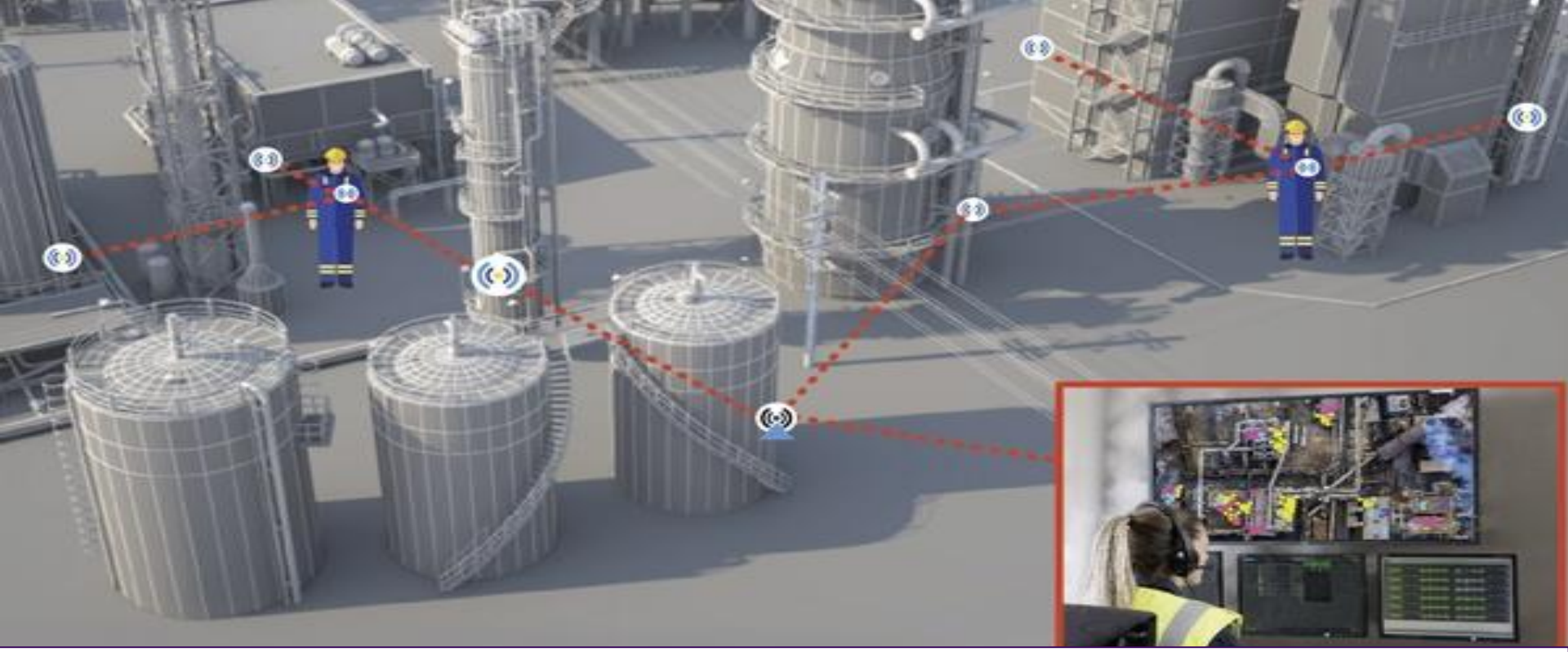
Utilize tamper-proof bracelets for prisoners and watch devices for officers to track movements and position of inmates and officers real-time

Prisoner tags include biomedical sensors to measure heart rate, breathing/oxygen and blood pressure, to help ensure health safety.

Alerts if inmates congregate in an unnatural pattern or if they breech a geo-fence zone



Personnel Tracking and Mustering

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Track personnel with GPS/GPS and with Bluetooth technologies

Know the locations of all personnel at all times

Geo-fencing that produces alert if personnel breech perimeters in unauthorized manner

Produce ‘muster reports’ of all persons and their locations in case of emergency/disaster

Heavy Weaponry, Aircraft and Watercraft

IoTWeapon Tracker
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Identify and register all heavy weaponry in Tracker^{IoT} database

Track equipment locations with RFID, long-range tracking and GSM/GPS technologies

Enhance equipment utilization and deployments

Monitor inspections, calibrations and maintenance

Vehicles, tanks, artillery, missiles, torpedoes, drones, aircraft and watercraft

Fleets, Trucks and Containers

TrackerIoT
Tag. Track. Manage.

Identify and register vehicles, truck cabs and truck/railway/air freight containers

Track vehicle, truck cab and container locations with GSM/GPS technologies

Provide security for containers to prevent door opening tampering

Monitor inspections, calibrations and maintenance

Construction Equipment

TrackerIoT
Tag. Track. Manage.

Identify and register all construction equipment in Tracker^{IoT} database

Track equipment locations with GSM-GPS tracking technologies

Enhance equipment utilization

Monitor inspections, calibrations and maintenance

Monitor maintenance agreements, insurance etc.

Integrated Electronic Document Management

IoTFile Tracker
Tag. Track. Manage.

Digitize industrial documentation like specifications, repair manuals, insurance, maintenance agreements, warranties, shipping documents, insurance policies, tooling diagrams…

Digitize personnel and procurement files, and accounting and financial files, and legal and vital records, and sales and marketing materials, or any type of document or file…

Fully integrate electronic documents with physical records and documents related to with assets

Reengineer business processes with eForms and workflow process automation

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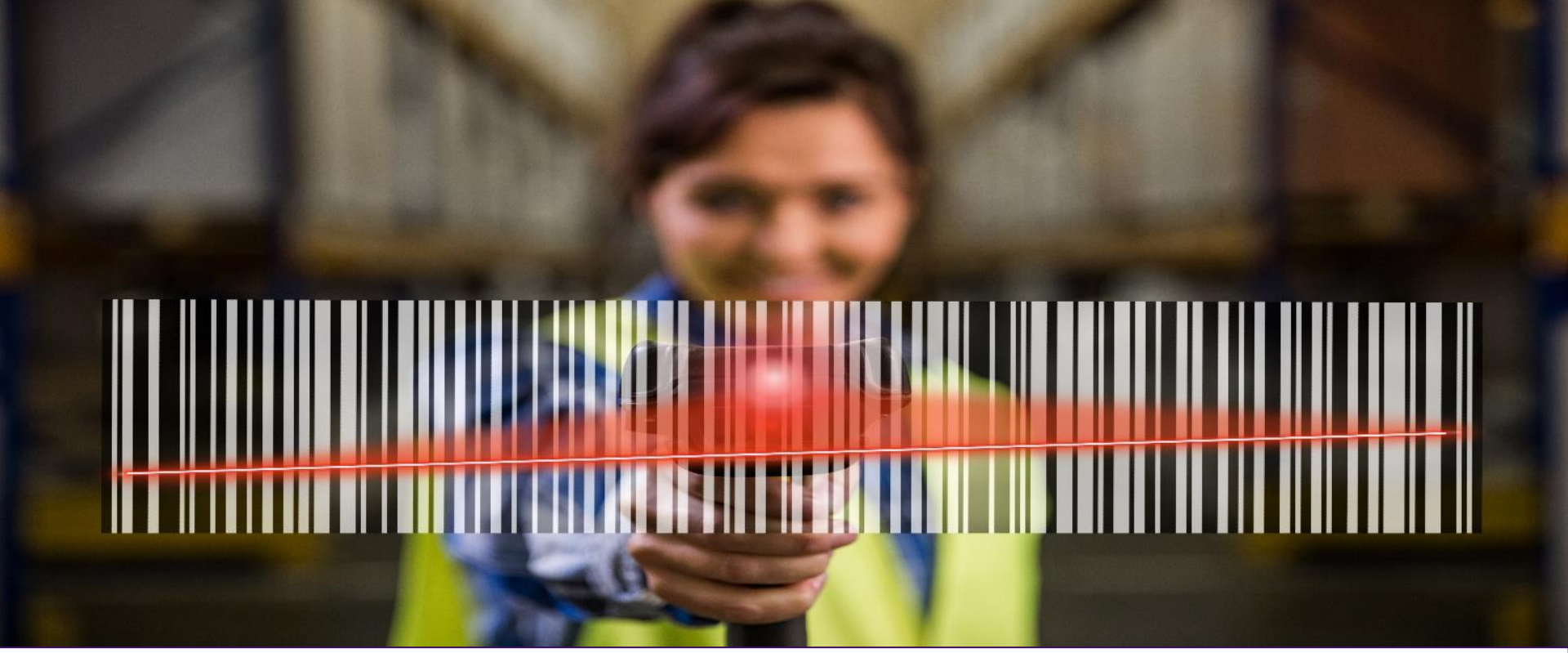
Technologies



1D / 2D barcodes and QR codes

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Tag objects and personnel with barcode labels for fast, accurate ‘identification’

Scan objects that are being placed into a container for parent-child software management

Eliminate keyboard/mouse using USB barcode scanner for quick check-in and check-out

Scan assets and materials with mobile scanner for inventories, placing into storage and removing from storage, including cycle counts

UHF ‘Ultra High Frequency’ RFID

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Tag objects, personnel and equipment with UHF RFID tags

Place RFID antennas at strategic detection points for location-based identification and location updates, based on a detection distance of approximately 20’

Utilize RFID mobile scanners to rapidly inventory objects in-storage and/or in-circulation

Place RFID antennas and alarms/lights at exit points and/or at restricted areas to prevent unauthorized removals or movements

Bluetooth

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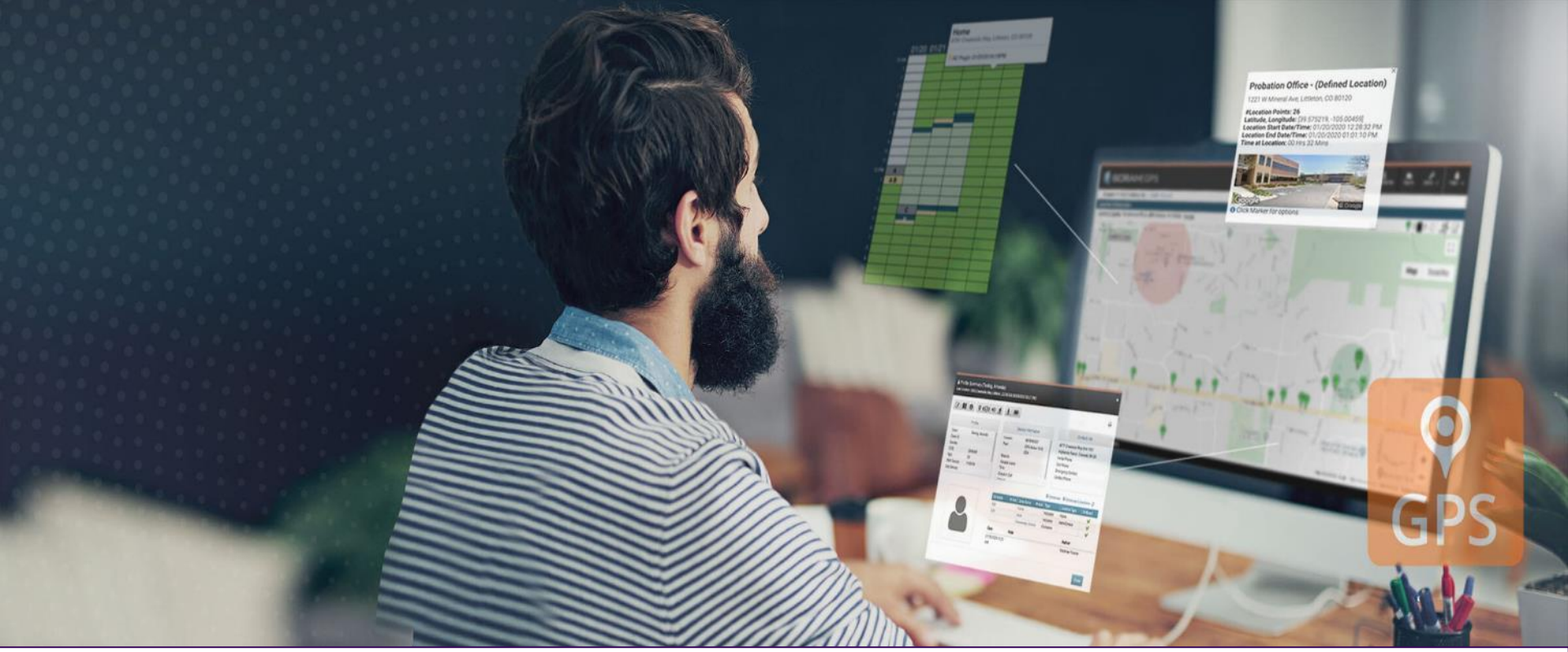
Tag objects, personnel and equipment with long-range tracking tags, indoors and outdoors

Items and people that are not detected by GSM are detected by Bluetooth and/or WiFi

Enhance asset and personnel utilization through better data and management capabilities

Know the location of location status of all assets and personnel real-time



GSM and GPS

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Tracker IoT solutions ingests GSM and GPS data similarly to ingestion of barcode, UHF RFID or long-range tracking technology data

Provides the enhanced capability to view locations as icons on GSM maps and GPS aerial photography

Enables color-coding of icons based on statuses and workflows

Eliminates the cost of physical tracking equipment, such as readers and gateways

Tracking real-time, everywhere, all-the-time

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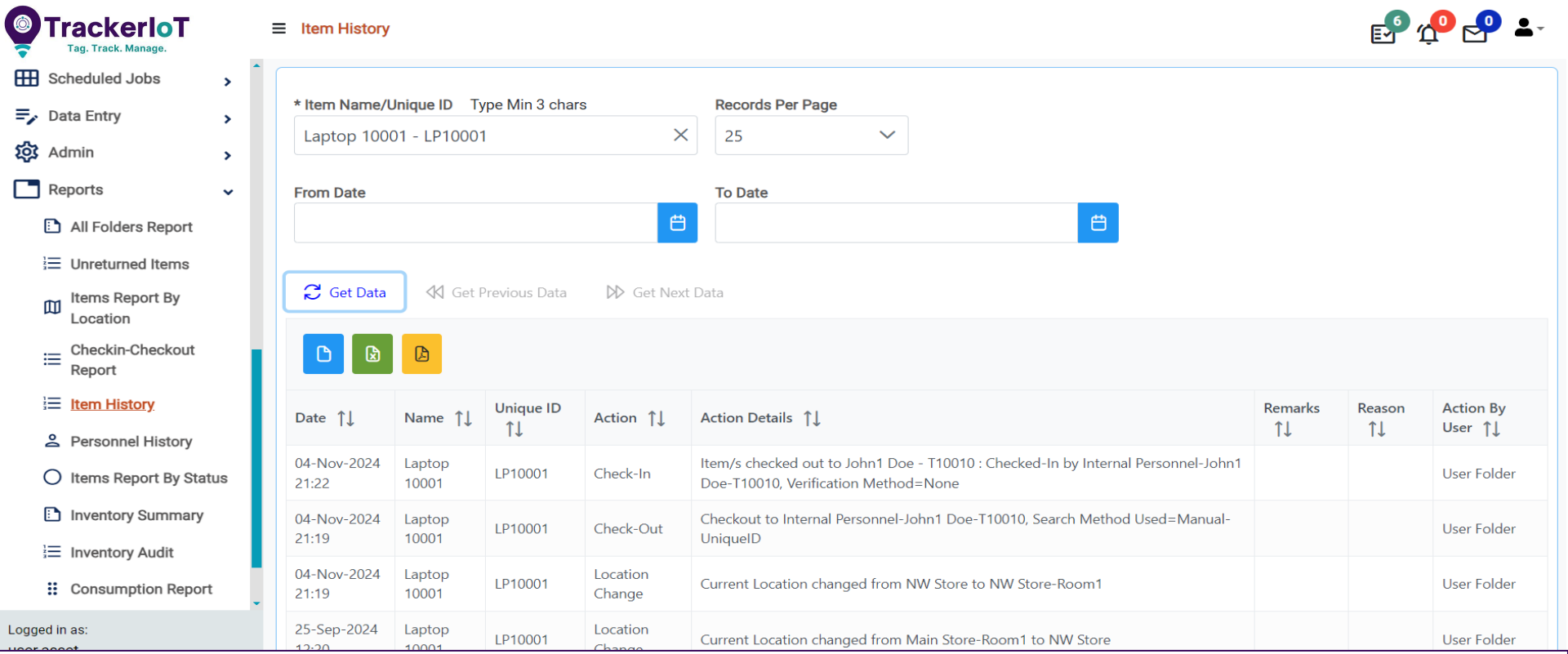
Tracker IoT Software, Hardware and Labels

Tracker IoT Technology

Cloud or On-Premise, Open or Proprietary Software Platforms

State-of-the-Art, Best-of-Breed Technology Continually Updated for Long Term Performance



COTS (commercial-off-the-shelf) Software

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TrackerIoT software is fully developed and rapidly configurable and deployable for many industries and applications

All features developed by Tracker IoT for customers iterates a single software code-base with all capabilities available out-of-the-box for each new customer

Software features, tracking technologies and security technologies are configurable for each customer's exacting data, workflow, tracking, reporting and security requirements

Includes API's and web services for synchronization with core processing and ERP systems

Items – Status – Location – Tasks – Workflow – History – Reports

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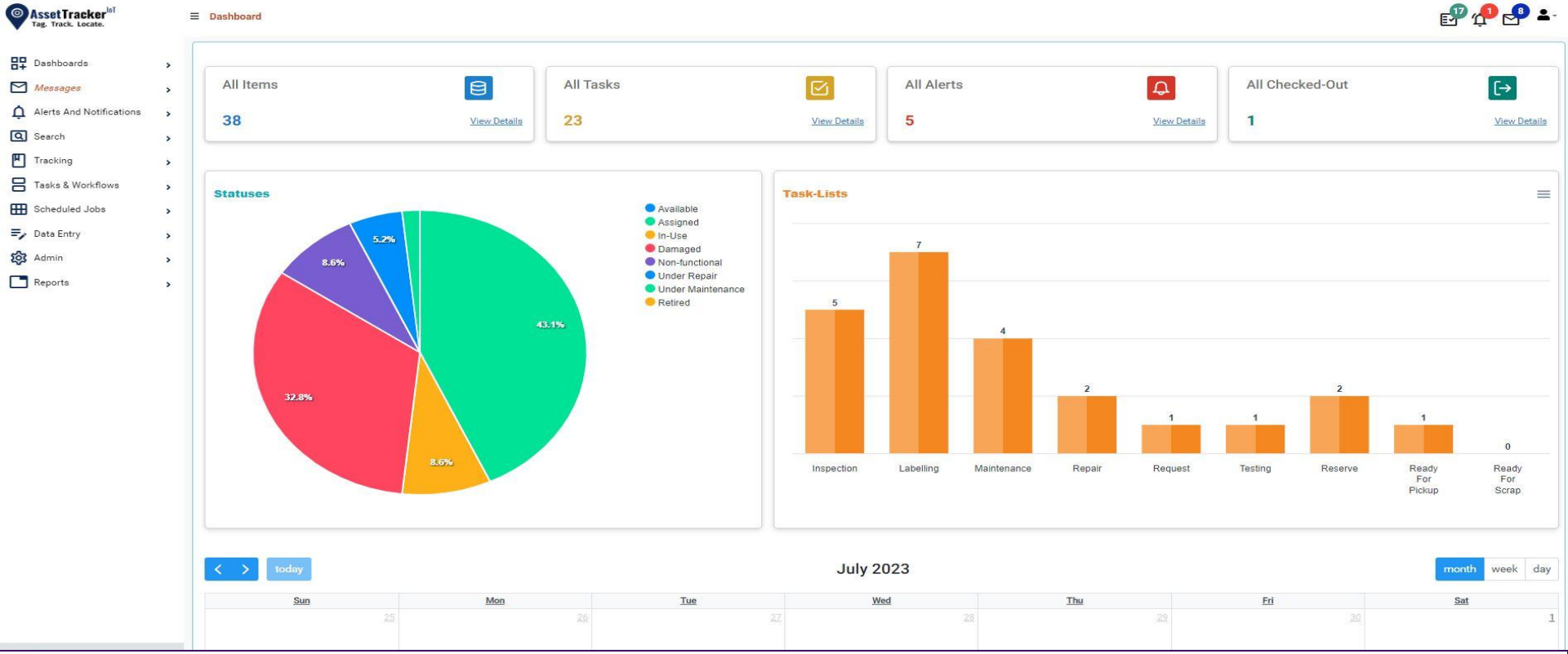
Easy-to-use Search features enable rapid access to data about all records in the database, including data, meta-data, location, status, tasks and history

Reports can be printed or exported in .csv or .xls formats for information visibility and analytics

Includes templates, which are specific software screens within the software, based on the item-types and the functions specifically required for each item-type

Records/items can be reserved, requested or placed into any task list at any time



Items – Status – Location – Tasks – Workflow – History – Reports

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Graphical dashboards dynamically, real-time configured for each User and for comprehensive values against all templates, objects and people, tasks, workflow, locations, statuses etc.

Includes calendar that depicts all User and/or comprehensive values for tasks, events and workflows, color-coded based on configurable values such as pending or overdue tasks

Includes configurable, internal messaging and workflow monitoring system enabling personnel collaboration and dynamic teamwork

Fully configurable graphs, charts and the data points that produce the graphics and numbers

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Barcode, RFID, Bluetooth and Security Devices

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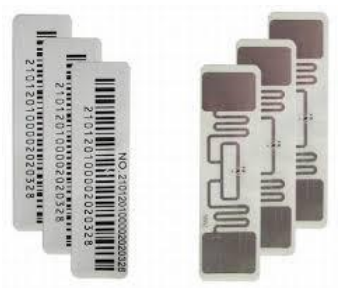
- TrackerIoT software supports the use of computers, laptops, tablets and phones
- Integrates with barcode and RFID devices, including USB scanners, mobile scanners, networked scanners and printers, as well as Bluetooth antennas
- Integrates with security devices including fingerprint scanners, electronic signature pads and alarms
- Data captured by devices automatically updates TrackerIoT software, updates item locations, and creates chain-of-custody historical records for each transaction



Labels and Tags
Barcodes, RFID, Bluetooth and GPS/GSM

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- A wide array of 1D, 2D and QR code barcode labels of varying sizes and materials
- Many varieties of low-cost RFID labels that can be placed on non-metal items
- Many varieties of RFID raised tags that are optimized for on-metal or near-metal
- Bluetooth tags for real-time tracking of people and items
- GPS/GSM tags to track people and items in outdoor areas, cities and globally

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Professional Services

Requirements Analysis

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Establish project team and emphasize collaborative insights and creativity of team members

Analyze current systems, technologies and workflows against desired outcomes

Define project deliverables and scope-of-work to best fulfill exacting data, workflow, tracking, reporting and security requirements.

Establish ‘living’ project plan and Gantt chart for managing project execution

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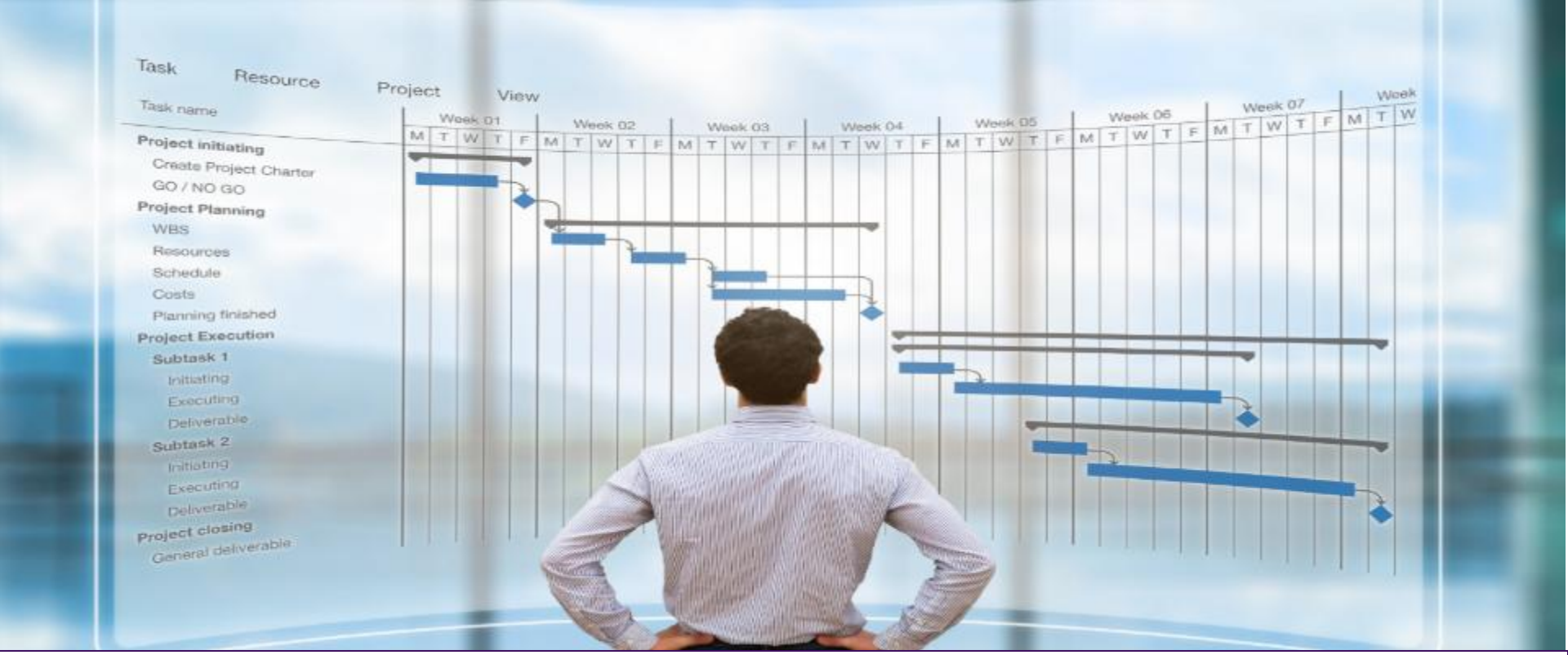
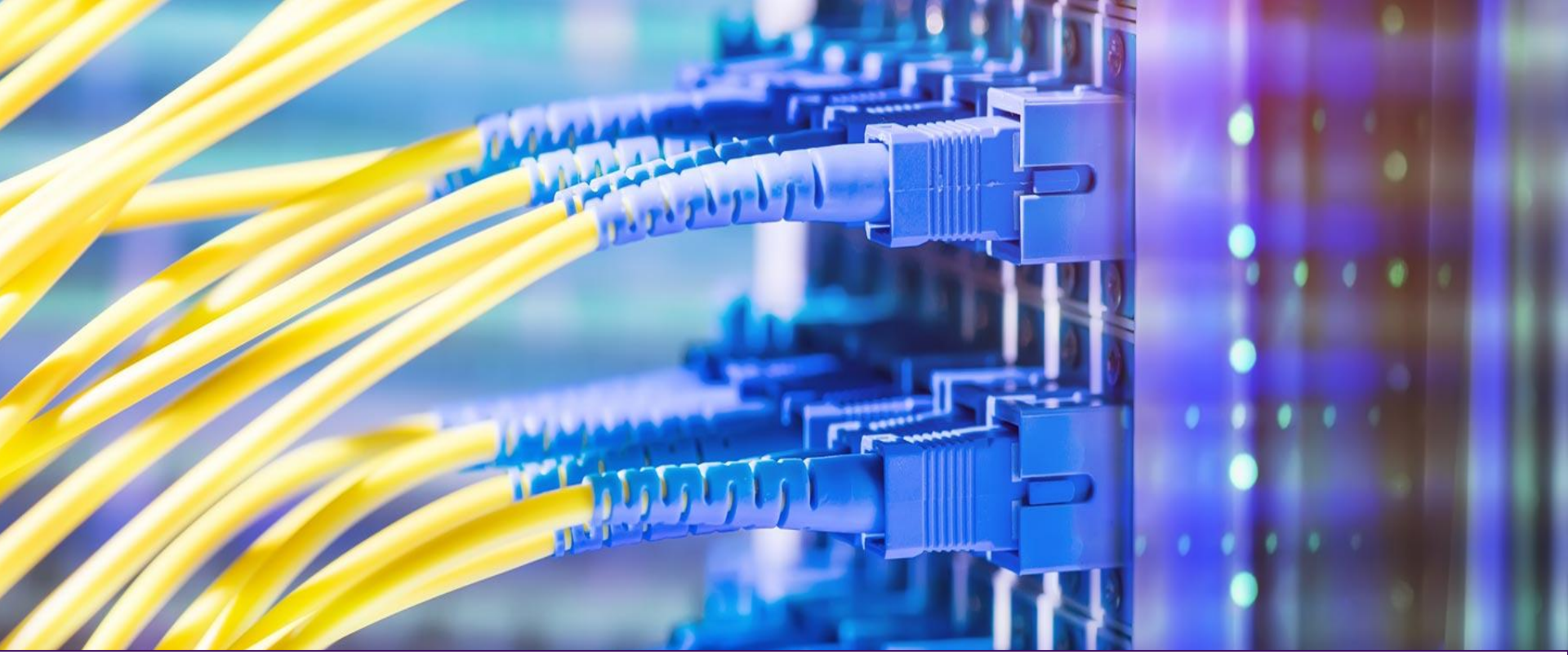


Project Management

TrackerIoT staff includes seasoned project management professionals fully vetted through prior, successful projects, anecdotally validating reliability and realization of expected results

From project kick-off meeting and subsequent customer/vendor collaboration meetings, throughout project execution, all tasks and responsibilities are assigned and monitored to produce optimal fulfillment

Precise project management during deployment and initial stages of solution usage



Project Management

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Turn-key onsite implementations

Lab testing of system and equipment prior to deployment to ensure proper performance

Hardware installation, performance testing and deployment

Software installation, User training and Technical staff training

‘Hot’ system support and solution iteration during deployment testing phase

Ongoing Support, Updates and Advancements

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Tracker IoT provides worldwide support through web-meetings, conference calls, emails and text, and including onsite visits when required

Tracker IoT solutions are also locally supported by Tracker IoT local distributors for local support

Support includes all software, users, technical staff, and, hardware repair-or-replace guarantee

Includes periodic server stack and application software updates to keep your system up-to-date

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