

# Advanced identification and location tracking solutions

Increasing efficiency,  
reducing costs and  
improving safety in  
a wide range of  
industries.

RFID Discovery systems track assets, inventory and people. With a strong 15-year track record, our solutions are proven to deliver a great return on investment.



# Our Solutions

RFiD Discovery's TrackSphere software is an all-in-one tracking and IoT platform compatible with a vast variety of different tracking technologies including Ultra Wideband (UWB), active & passive RFID, BLE, Wi-Fi, GPS and many more.

Easy to implement, reliable and flexible, it can be fully integrated with corporate software such as ERP, MES, WMS and other existing systems.

## Powerful data at your fingertips



### Custom reports

Your unique dashboard is configured to your requirements and pulls data and relevant events from the main TrackSphere database.

### Monitor KPIs and operational metrics

Collect accurate and valuable data on your business processes. Make informed decisions to keep your business lean and agile.

### Warnings and notifications

Track your inventory by category, asset type and geo-zones and get alerts to avoid over- and understocking. Ensure all required assets and inventory are where they are needed to avoid shipping, production or other delays.

### Process management

Improve logistics operations, team deployment, real time cost control, utilisation levels, maintenance alerts and more.

### Record relevant events

Capture events defined to your requirements such as unauthorised stock moves or access to restricted areas as well as any reportable incidents or accidents.

### Manage status, permissions and rules

Know the status of your assets and personnel as you have defined them for full visibility.

### Real-time and historic location visibility

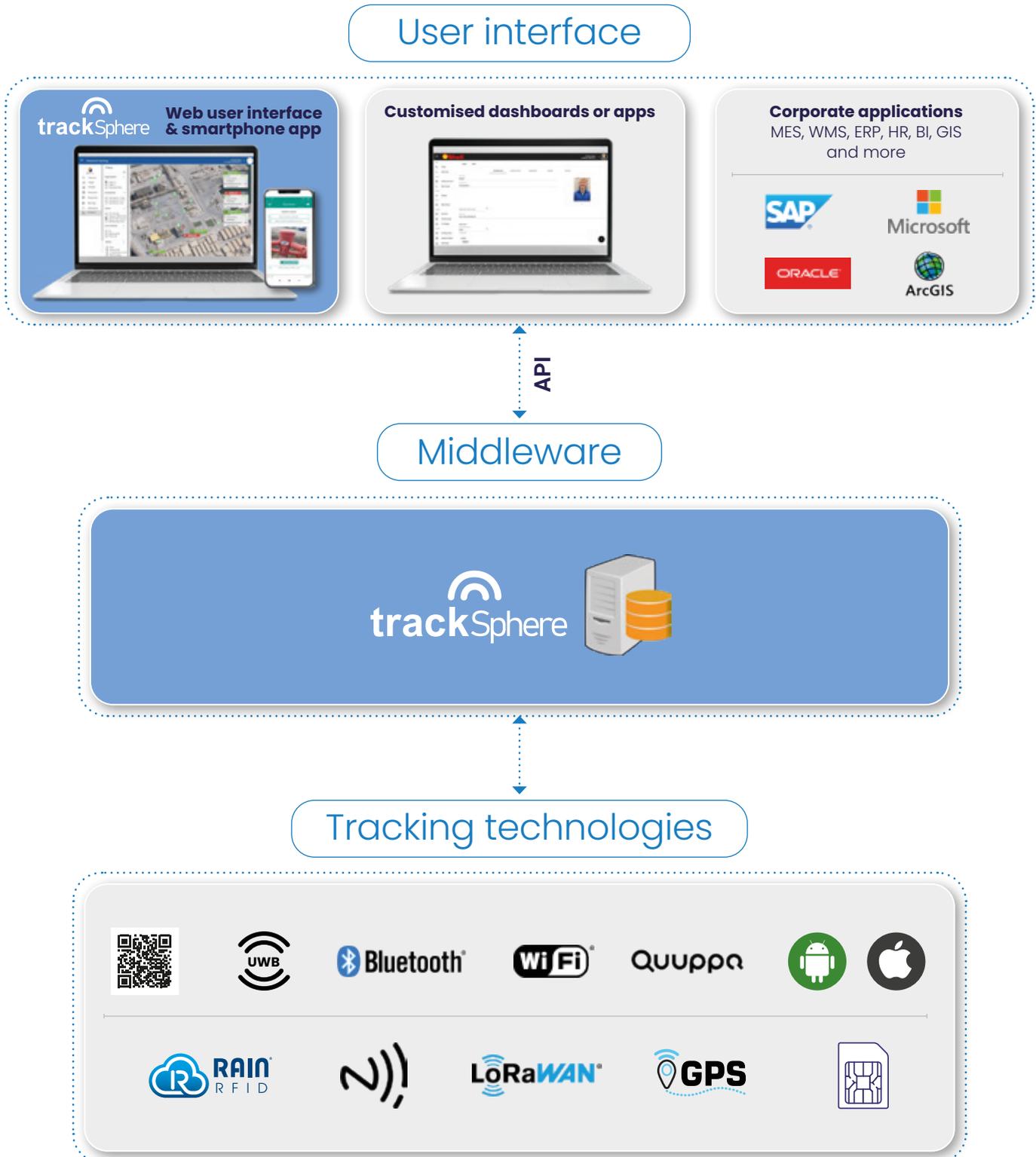
View the location of your assets, inventory and people in real time, whether they are indoors, outdoors or on the road. Analyse historic location data for future planning.

## Benefits

- Streamline operations for increased productivity
- Reduce waste and losses
- Optimise inventory to reduce the need for just-in-case items
- Cut costs by automating manual tasks and improving operations
- Improve the safety of your workforce
- Powerful data for analysis, future planning and compliance reporting

# A true multi-technology platform

- Uses data from any tracking device
- Advanced processing and analytics
- Fully configurable
- Easy to integrate with existing systems



# Solutions for Logistics and Warehousing



## Tracking returnable transport items (RTIs)

Tracking the locations of your reusable transport items can help maximise the use of assets and prevent them from getting lost or stolen.

Our solutions help improve the management of assets such as containers, tote boxes, roll cages, pallets, stillages and more.

- Identify and track individual items through the supply chain
- Maximise utilisation and ensure there are always enough RTIs available when and where they are needed
- Avoid production and delivery delays
- Reduce losses through theft and misplacement



## Warehouse management

Our warehouse tracking solution provides you with full visibility of inventory, assets and people in your warehouse. Movements and events are reported together with exact location data.

- Automated inventory tracking without the need for manual stock checks
- Up-to-date inventory information
- Increased shipping accuracy
- Data on personnel (who did what and when)
- Productivity and incident reporting
- Locating critical assets to avoid delays



## Yard and outdoor storage management

Businesses in many different industries store parts, raw materials, vehicles or other assets in large outdoor areas. Our TrackSphere platform accurately keeps track of inventory and assets in yards or other outdoor areas to reduce time spent looking for items and eliminating the need for manual checks.

- Inventory tracking
- Gate control to record movements in and out
- Automated inventory information with exact location
- Dock management



## Process automation

Warehouses and distribution centres face increasing staff shortages and costs, while customers demand higher levels of order visibility. Our TrackSphere solution provides real-time information on processes to streamline operations in warehousing and logistics.

- Order picking and fulfillment
- Picking and packing validation
- Accurate inventories in real time
- Productivity tracking
- Automated processes to simplify training new staff

# Solutions for Manufacturing and Industry

## Work in Progress (WIP) Tracking

In the manufacturing industry 'work-in-progress' tracking is vital to ensure production processes can happen efficiently and without delay. Our WIP tracking solution provides management and operational teams with real-time information on production processes.

- Work orders/production codes
- Analysis of cycle/production times
- Quality control data for compliance reporting
- Tracks KPIs for efficiency management
- Improved manufacturing accuracy through automated alerts
- Accurate inventories of raw materials, parts and assets to avoid bottlenecks and delays



## Worker automation and task management

To improve productivity companies need to increase staff efficiency. Our TrackSphere platform can help empower your workers with real-time information and tools to be more efficient.

- Kanban processes for fast replenishment and smart stockholding
- Works orders dynamically delivered to workers
- Automated picking lists and reconciliation
- Forklift route optimisation in warehouses and on production floor
- Employee task tracking and KPI reporting



## Supply chain management

Our TrackSphere platform is helping many companies to improve production output by streamlining supply chain processes. This includes production flexibility, consistent delivery and order fulfilment, warranty and returns processing as well as inventory and asset management.

- Kanban processes for fast replenishment
- Truckload audits to match ERP/WMS with actual shipment
- Location visibility of assets, products or parts in the supply chain
- Accurate inventory levels in warehouses and yards



## Tool and asset tracking

Being able to quickly locate tools and other key assets used during the manufacturing process is critical to avoid bottlenecks and costly production delays. TrackSphere integrates tracking by barcode, RFID, NFC and RTLS to suit any tool or equipment type.

- Real-time inventory to locate assets quickly when needed and improve utilisation rates
- Full traceability and worker accountability
- Tool usage and worker effectiveness reporting
- Helps ensure tools and other equipment can be maintained to schedule so they are always ready to use
- Accurate record of maintenance history, use rate, location and movements



# Solutions for Construction, Petrochemical and Process Industries



## Managing assets on large sites

Ensure that your construction, warehouse, production or field teams have the tools, equipment, materials and information they need at hand to improve productivity.

- Real-time visibility to locate assets quickly and improve use rate
- Accurate record of who used which asset and when
- Valuable asset usage data for analysis and future planning
- Improved worker safety by ensuring required equipment is close to hand and stored securely
- Accurate record of maintenance history for compliance reporting



## Lone worker monitoring and enhanced safety

Worker safety is paramount, and RFID Discovery is dedicated to implementing systems that help create safe and efficient working environments.

- Personnel safety in mining, oil & gas and industry processes through lone worker tracking and geofencing
- Avoid incidents and accidents to reduce legal penalties and reputational damage
- Protect workers in hazardous or challenging working environments
- Automate critical checking process to ensure compliance and safety



## Personnel monitoring for productivity

Having visibility of staff or contractor activity is crucial for improving productivity. The TrackSphere system can help monitor work processes to highlight areas for improvement and eliminate bottlenecks.

- Monitor worker productivity
- Increase accountability to enhance team efficiency
- Identify training needs
- Collect vital data for personnel planning



## Contractor and project management

Third party contractors working in your facilities for short periods of time can often raise several challenges. Contractors are not familiar with the surroundings, which causes safety and efficiency issues particularly in dangerous environments where you are liable for their safety. The TrackSphere system can help to:

- Monitor and report on contractor productivity
- Provide real-time visibility of contractor staff locations
- Increase accountability to enhance team efficiency and safety
- Identify training needs or productivity issues
- Provide accurate data for future project planning

# Solutions for General Enterprise

## IT and other inventory management

Keeping track of your IT and other assets can be challenging for any business. Our TrackSphere software can help you locate your assets and track them through their full lifecycle as well as capture vital maintenance, service, usage and other information.

- Locate assets quickly for use or servicing
- Achieve compliance and avoid legal penalties
- Financial reporting
- Track outages and downtime
- Eliminate the need for manual stock checks
- Create accurate inventories in minutes



## Uniform tracking

Correctly identifying and locating uniform items can be a challenge for many organisations. RFID Discovery has a proven track record of tracking uniforms through different stages of use and maintenance to ensure visibility and reduce losses.

- Accurate inventory levels in real-time
- Identify and locate assets quickly for use or servicing
- Reduce capital expenditure by reducing losses
- Improved utilisation levels
- Automatic audit trail for compliance
- Saves time by eliminating the need for manual stock checks



## Staff and visitor tracking

Managing staff and visitors while ensuring compliance and safety, can be challenging. Our TrackSphere software offers a full registration management solution.

- Track staff, contractors and visitors
- Badge and QR generation
- Capture visitor acceptance of relevant regulations
- Assignment of vehicles, computers or other equipment to individuals
- Compliance management
- Up-to-date visitor list with data protection in line with privacy laws
- People flow reports



## Quality process management

Our TrackSphere software provides a simple system for capturing the different stages of quality and maintenance processes to ensure compliance and avoid errors.

- Improved efficiency by reducing manual processes
- High information accuracy thanks to automatic data capture
- Detailed information for analysis and reporting
- Improved safety through up-to-date maintenance of equipment
- Increased compliance



## Flexible platform

Our TrackSphere platform is fully configurable to your unique operational requirements.

## Functionality

- Indoor and outdoor mapping
- Combining multiple tracking technologies
- Powerful rules based on events
- KPIs and other customisable metrics
- Automatic report generation, notifications and distribution for peace of mind
- Deployable on-premises or in the cloud
- Historical data for analysis and visualisation
- Easy administration
- API for easy integration and synchronisation with existing systems
- Multi-site capability with configurable user profiles



Used in many different industries, including:



Manufacturing



Warehousing & Logistics



Construction



Oil & Gas



Mining



General Enterprise

## Why choose RFiD Discovery?

**RFiD Discovery is part of Paragon ID, a global leader in identification solutions.**

Used in a growing number of organisations across the UK and worldwide for over 15 years, RFiD Discovery offers integrated tracking solutions to help increase efficiency, save time, improve safety and cut costs. Our wide choice of tracking technologies include active and passive RFID, Bluetooth Low Energy (BLE), UWB, Wi-Fi, GPS and many others to suit your accuracy and budget requirements.

Paragon ID is the largest manufacturer of passive RFID labels in Europe and is accredited to ISO 9001, ISO 14,001, ISO 27,001 and ISO 50,001.

