



P R T E C H

barcode solution specialists

beyond every scan!





Empowering Businesses with Innovative Data Capture & Auto ID Solutions for over



habitat

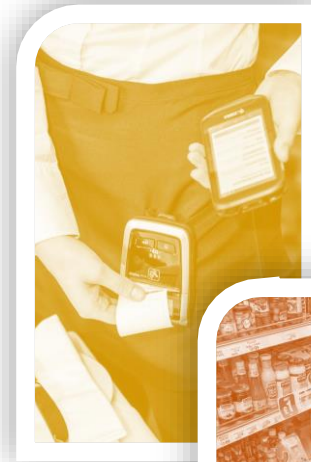


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What we do

Portech specialises in various technologies used to identify and track items efficiently these include:

1. **Barcodes:** Barcodes are widely used for automatic data capture. They consist of patterns of parallel lines or squares that represent information (e.g., product details, inventory codes).
2. **RFID** (Radio Frequency Identification): RFID tags use radio waves to transmit data. They allow real-time tracking of items without direct line-of-sight scanning. Common applications include inventory management and supply chain tracking.
3. **QR Codes:** Quick Response (QR) codes are two-dimensional barcodes that store more information than traditional barcodes. They are often used for marketing, product labelling, and mobile interactions.
4. **Sensors** : These are pieces of hardware that detect changes in an environment and collect data. They serve as the foundation of an IoT ecosystem, bridging the digital world to the physical world. These sensors come in various types, each with specific uses.
5. **GPS** : Global Positioning System (GPS) technology offers several ways for businesses to enhance their operations and improve customer experiences. From Real-time asset tracking and monitoring to Fleet management and security and theft prevention.

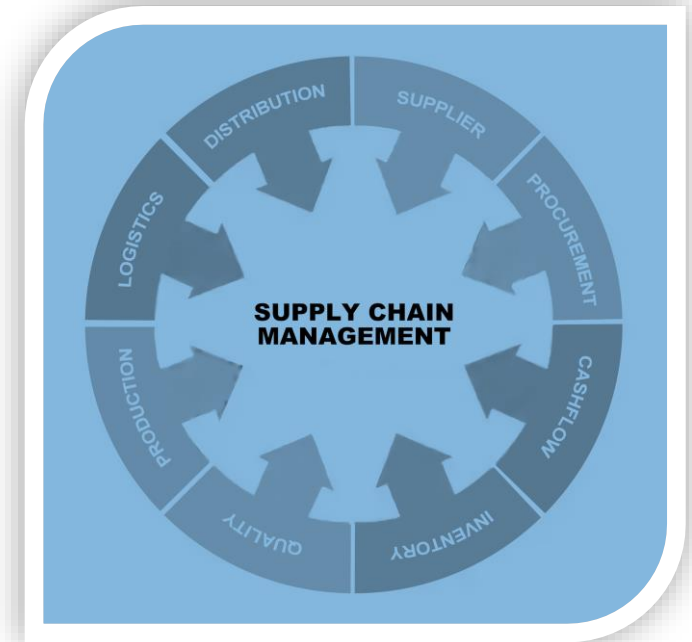


Our Solutions!

Warehouse & Logistics

Supply chain visibility is paramount to effective supply chain management. Knowing the status of each component within the process is key to minimizing disruption, managing costs, delivering goods and services to customers, and generating profit for the organisation

1. **WMS (BoxIT)** – Our WMS solution has provided visibility to many business' entire inventory and manages their supply chain fulfilment operations from the distribution centre to the shop shelf. Businesses deploying our WMS solution have experienced optimized warehouse processes, and have ensured efficient handling of goods from the moment they enter the warehouse until they leave. We have eliminated manual errors by automating processes and maximised warehouse space utilisation which is a major expense for a warehouse.
2. **Simple Inventory Management System (SIMS)** - Our SIMS app is a simple but powerful stock taking application that runs on a mobile device and allows businesses to translate inventory related scanned data into a spreadsheet. This spreadsheet can then be imported into various back end systems. The beauty of this application is that the business requires no backend infrastructure which makes it ideal for small to medium size organisations. It is a feature rich app covering booking in stock, put away stock, goods out and stock take to name a few.



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Our Solutions!

Auditing, tracking and security

1. **Smart patrol** – This app is suitable for companies that manage and patrol facilities or large real estates and buildings. It allows complete visibility of these premises and tracks regular patrols are carried out. Assets on site can also be tracked and it allows management to have a complete location snap shot of all valuable resources onsite. It ensures accurate data collection for compliance purposes (e.g., safety inspections, audits). This can all be done with the web-based back-end administration system.
2. **Smart Entry** - This app monitors personnel entering and leaving secured area's and can log unauthorised access and report them immediately.



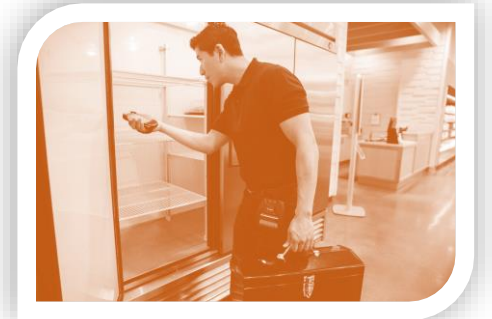
Our Solutions!

Mobile Sales (all verticals)

Field Sales Management (FSM) – Our FSM solution significantly enhances field sales staff's efficiency by streamlining inventory management, enabling real-time data capture during client visits, simplifying order processing and invoicing, providing instant access to product information, optimizing sales routes, integrating with CRM systems, and reducing manual data entry. These tools empower sales reps to focus on selling and improve overall customer interactions.

Mobile Service (all verticals)

Field Service Management (FSM) – On the service side the FSM solution streamlines scheduling and dispatch, optimizes inventory management, balances workloads, and increases overall efficiency. By automating repetitive tasks, FSM reduces manual workloads, leading to improved customer service and reduced operational costs. Ultimately, FSM contributes to better experiences for both technicians and customers in the field.

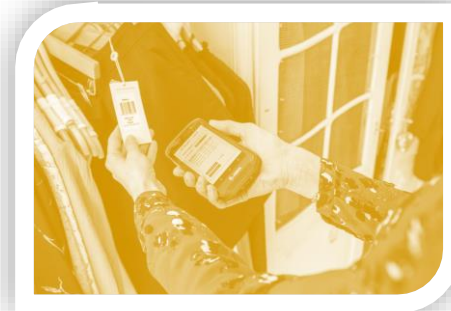


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Retail

Our Solutions!

1. **mPoS** – The mPoS solution is a que busting application which allows retail outlets to service long queues much more quickly and efficiently during peak times or during sale drives which would attract a lot more customers and hence put a burden on the checkout. mPoS enables the staff to process the goods in the basket and take payments and print receipts at the queue or the staff can scan the items in the basket and produce a 2D barcode which is given to the customer who in turn presents the 2D barcode to the cashier who scans the barcode and just takes the payment. Whether it's a small boutique or a large supermarket, this approach puts an end to frustrating waits at the checkout, enhancing both customer service and operational efficiency.
2. **Shelf-Edge Labelling and Pricing** - Facilitates the creation of clear and readable shelf-edge labels. These labels display product information, prices, and promotions, making it easier for shoppers to find what they need.
3. **Sale and Discount Pricing Labels** - During sales or promotions, this application can help retailers update pricing labels efficiently. Staff can quickly print and apply new price tags, ensuring consistency across the store.



Our Solutions!

Manufacturing

Our manufacturing solutions provide factories and other raw material processing plants with the following functionality:

1. Utilising radio-frequency identification (RFID), enable accurate tracking of inventory. By automatically identifying and capturing data about assets (from equipment to forklifts), manufacturers gain real-time insights. This streamlines inventory control, reduces errors, and ensures timely availability of materials.
2. Raw material tracking, work-in-progress monitoring, and quality control. RFID tags attached to components or products allow seamless data capture throughout the production line. This leads to better traceability, reduced manual effort, and improved process efficiency.
3. Manufacturers can track the movement of WIP items. Whether it's tracking subassemblies, monitoring production stages, or managing just-in-time inventory, our solution ensures accurate data collection without human intervention.
4. Helps identify defective or non-compliant items during production. If a quality issue arises, manufacturers can quickly trace affected batches and initiate recalls. This enhances product safety and compliance.

