TURCK

VILANT SYSTEMS

RFID-Enabled Stock Room
Unmanned Store for High Use Parts

Never Run Out of High Use Parts or Materials

Introducing a smart on-site store that uses RFID to create a faster and easier way to replenish high-use parts and materials.

It's simple - let RFID do all the work for you - no extra staffing needed for this stock room solution. The Turck Vilant RFID Store is ideal for use in factories and warehouses to reduce downtime when frequently used parts or components need to be replaced. Products taken from the on-site store are automatically scanned by UHF RFID in the Read Area. The system manages your users, SKUs, inventory and locations. It also offers usage and invoicing data.

A variety of products can be stored and sold in RFID Stores such as spare parts, tools, raw materials, fertilizers, medical equipment and work wear. This smart, stockroom-based system is configurable and enables users to access materials, supplies and parts at any time - no manual sign-out process needed.

Benefits of RFID in self-service stores

- Customizable Layout & Product Selection
- Instant Product Availability
- Never Out-of-Stock
- Better Customer Engagement
- Reduce Shrinkage
- Real-time Inventory Management
- Automated Data for Invoicing
- No Staffing Costs

Manage products and users with Turck Vilant
Visibility Manager software

Each Unmanned Store will have a separate Read Area
to ensure all products have been registered

Here's How it Works:

1. Products will be labeled with RFID. A pre-defined selection of products will be delivered to each store (the selection is fully customizable.)

2. The RFID Store system helps manage individual users and their access to different locations. Each RFID Store is equipped with an entrance control system that only allows access to users authorized for that location.

3. Users select the products they need from the store area and when they are done they move to the secured Read Area.

4. The Read Area grants access to one user at the time only. All items the user is carrying will be registered as purchased or loaned.

5. Data for invoicing and replenishment is made available on the RFID backend system.

6. The store is filled with new products based on the replenishment list.