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Beeswift Safety Hub



Innovative and Intelligent Vending Solutions



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Solution Summary

Beeswift Safety Hub vending machines are advanced storage and distribution solutions designed for workplace PPE & MRO. They provide 24/7 access to products on-site and are integrated with cloud native control and monitoring environments that offer real-time reporting, configuration and employee usage limits for streamlined management.

With connectivity capabilities via SIM card, Ethernet and WIFI, there is a flexible approach to how the hardware is utilised within its environment.

The purpose of our solution is to fully automate the inventory control and distribution to users, whilst controlling the limitation and restriction of product to individual users and groups.

Automatically generate replenishment requests or data files based on customisable rules and behaviour which can be shared via email, SFTP/FTP or directly into a ERP system via our API solution.

The cloud system that powers the hardware enables our customers to design their own bespoke solution for their business needs.



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Product Range

D1080



D810



D540



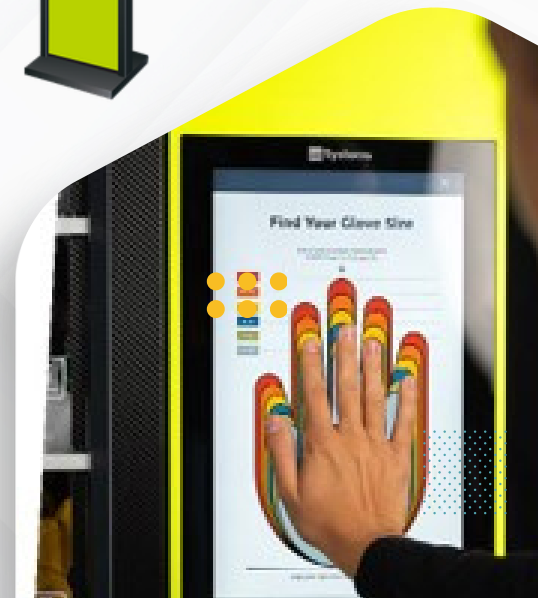
L40 Locker



Collector



Kiosk





Vending Machines



There are three Vending Machine models available which can store a maximum of 1080, 810 or 540 products. Composed of 9 configurable steel compartments to suit the required products.

Utilising a rotating drum dispensing system, a revolutionary design offering a more reliable and modern service compared to screw-fed vending machines.

System

- Limit product visibility to users
- Restrict usage by individual, groups or product
- Automatically update products, images, users and limitations via imports or API
- Remote control to troubleshoot and adjust machine configurations
- Virtual vending ordering platform for non stocked products

Hardware

- Access via, barcode, QR code, biometrics, RFID and facial recognition
- Match existing clocking in system methods such as fobs and RFID cards
- Remote control of hardware
- Dispense via FIFO, expiry dates or customisable methods



Locker System

The L40 Locker System, is our flexible solution aimed towards asset management and oversized product vending.

Used independently or attached to any of our other vending machines to provide a bespoke product management solution.

System

- Identical system control to our vending machine range
- Full asset management
- Product labeling to manage damaged goods and lock cells
- Automatically trigger email alerts based on customised rules (product not returned, products returned but are faulty)

Hardware

- Charging points available
- Transparent plexi glass doors
- Five configurable door sizes
- Double depth options for oversized products



Kiosk System

The T15 Kiosk system is a versatile stock management solution, enabling restricted inventory areas to be managed through the Kiosks cloud system.

Utilising RFID locking hardware, restricted areas or stock cages can be accessed by individuals via the Kiosk releasing physical door locks.

The Kiosk can also provide an order platform, enabling users to place orders directly to suppliers for products which will then be communicated through the cloud solution into a sales or purchase order.

System

- Identical system control to our vending machine range
- Deploy a physical ordering platform to your suppliers
- Inventory management within any physical environment

Hardware

- RFID, QR codes and barcode access
- RFID pad locking hardware enables secured areas to be controlled via the Kiosk to restrict and manage access
- Connectivity via Ethernet, SIM card or WIFI



Collector

The Collector enables product to be returned, monitored and controlled at the end of its life in a live environment.

Enabling user limitations to be reinstated based on the original product taken from a vending machine being returned before another is provided or to simply monitor the amount of product being wasted, recycled or returned.

Capturing images of each product returned via an internal camera that's integrated to the hardware's cloud system.

System

- Identical system control to our vending machine range
- Enable rule based product return to replenish user product restrictions (1 in 1 out)
- Quantify data on returned products
- Automatically generate data to deep dive into product returns and waste



Hardware

- Integrated internal sensor camera to capture product returns
- Automatic bin release to only enable product return if authorised
- Connect to any of our existing product range as a bolt on without any software licenses required



Cloud System

The application runs on an external server, providing the machines with complete operational data on products, categories, users, and inventory levels, used in the distribution of goods.

Communication occurs via LAN, GSM, or Wi-Fi on the vending machine. Using a dedicated API it transmits encrypted data, saves parameters, and ensures system integrity.

IDS enables integration with external systems, tailored to the client's individual needs.



System

- Ability to log in to the application from any device with internet access.
- Remote process management.
- Creating a three-dimensional view of the actual warehouse space in the application.
- Creating catalogues, groups and individual products
- Direct imports via CSV/Excel files to create, users, products, groups and restrictions
- The ability to assign specific features to products (size, colour, price).
- The ability to create product sets for specific customer groups.
- Creating product limits for individual employees.
- Independent configuration of product orders by the employee.
- Verification and approval of receipt by the ordering party.
- Access to the download history of individual employees.
- Creating collection reports according to pre-defined criteria (by date, product, product set, employee, limit, department, features and cost centers and much more).
- Automatic creation of transaction reports with periodic sending to the recipient's email address.
- The ability to create reports on warehouse deliveries, according to various criteria.
- Automatic creation of reports on stock levels
- Automatic control of product limits and expiration dates.
- Automatic import of data related to warehouse supplies and system users.
- AI analysis of inventory levels, with the options to automatically generate orders
- Product consumption analysis algorithm and estimation for future orders
- View all interactions with the machines via a detailed log system that identifies all processes between the hardware, software and the users. From the door being opened, to a user trying to access the machines who didn't have access



BEESSWIFT[®]
O N L I N E

Restocking Service

Powered by Beeswifts inhouse developed ERP system, our vending machine solutions are fully integrated into our internal technological ecosystem enabling us to fully automate your replenishment, purchase order and sales order generation for each specific machine.

Delivering the exact stock required, set against agreed minimum and maximum stock levels to automatically trigger a replenishment and order generation request without any integration requirements.

This free service can be applied to any Beeswift Safety Hub machines without any development or integration required.



How It Works

- Min & Max stock levels assigned to each SKU within the machines
- Once levels have been hit, this automatically generates a replenishment request via Beeswifts ERP system
- A order is generated for the specific machine and pushed into Beeswifts WMS system
- A excel file is shared directly to you in the required format to be used as a purchase order. This can be sent directly to an SFTP//FTP location or via email
- The order is dispatched by Beeswift directly to the customer
- An email alert is shared to notify the goods are on route
- Any discrepancies are alerted via email once replenished

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Implementation Strategy



Phase 1

- Discuss your requirements with our team to identify the most suitable solution
- Provide insights into your requirements rather it be to replace an existing solution that's in place or if this is your first implementation of a vending solution



Phase 2

- Our team will provide a proposal based on your requirements
- A drum configuration design will be proposed which will provide insights into the machines configuration based on the data you have provided, from exact products, to usage calculations on replenishment frequencies



Phase 3

- Design artwork to be provided to match your requested branding guidelines
- Machines are sent into production to be completed within 30 days
- Project deployment plan to be agreed for the physical installation of the hardware by the Beeswift team
- Software to be configured and data to be imported whilst the machines are being manufactured to enable a plug and play process on the day of installation



FAQ

What are the production lead times for the machines once ordered?

Standard production time from the point of order is 30 days.

Can the machines be branded to my company guidelines?

Yes, we do offer a full branding service to match your preferred designs. Artwork will be shared prior to proceeding with production to get a confirmation on the designs.

How long does the installation take and does Beeswift install the machines?

The physical installation process takes roughly 1 hour and Beeswift will always offer to install any machine that is purchased from us.

Do i have access to the cloud system or is this only for Beeswift?

The cloud system is fully unlocked with any Safety Hub machine and full training will be provided by Beeswift.

What support is available?

Beeswift have a dedicated support team based in Birmingham UK, that will support all requests for our machines. We also have a field-based team of engineers who can support for any mechanical aspect that cannot be completed remotely by the team.

Do i deal with the customer service team once I've placed my order?

From the initial discussion, consultation, design and implementation you will have a dedicated implementation specialist who will guide you through the solutions journey.

What is the warranty on the machines?

All machines come with a standard 1-year warranty which includes all parts and labour which is supported directly by Beeswift. Extensions to this service can be provided at agreed costs.

Do you supply direct to the end user?

Unfortunately, Beeswift does not provide a vending solution directly to the end user and all implementations are completed through our large distribution network.

Who do we train?

We're more than happy to train our distributors directly on all things hardware and software for the vending machine solution, but we can also directly train your customers.

Can i stock non Beeswift product in the machines?

Absolutely, non-Beeswift product can be used within the machines but any items that are not provided by Beeswift cannot be applied to the restocking service we provide.

Contact Us



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