



SECURE DISTRIBUTION SOLUTIONS

PERSONAL PROTECTIVE EQUIPMENT (PPE)

INTRODUCTION

Intelligent Vending is a UK-based company specialising in the provision of high-quality, secure distribution solutions. We address client complexities by introducing automation into workflows and providing advanced dispensing solutions to enhance operational efficiency.

Our Titan™ machines, powered by Quoros®, our proprietary Internet of Things (IoT) software platform, offer a highly flexible system that can be swiftly tailored to meet unique client requirements across a wide range of industry sectors, including:

- Personal protective equipment (PPE)
- Components & tooling
- Office supplies & stationery
- IT peripherals & mobile accessories
- Medical supplies

Our solutions provide powerful real-time data insights for managers and stakeholders, enhancing decision-making processes. Item usage is accurately tracked and reported, ensuring visibility across the workforce. By implementing additional controls, organisations can achieve cost reductions while demonstrating compliance with health and safety objectives.





CHALLENGES & CONTROLS

Managing the use of personal protective equipment (PPE) within industrial settings presents unique challenges. Balancing efficient stock management with ensuring employee safety is critical. Large workforces require substantial quantities of PPE, prompting employers to optimise stock management while safeguarding staff by providing necessary equipment.

Many companies adopt an open and unsupervised access model for routine PPE items (such as gloves, goggles, and ear protection). However, this often leads to excessive usage without traceability. Implementing a PPE management system using vending equipment and sophisticated control software offers a cost-effective and reliable solution. Our control systems significantly reduce waste and misuse, whilst providing a detailed audit trail linked to individual users.

Transactions are tracked 24/7, with reports available on a scheduled or manual basis. PPE control systems validate users against a staff database, ensuring authorised access to machine items.

TITAN™ MACHINES

Titan™ is a highly versatile dispensing machine featuring fully modular planogram setup options, including conveyor belt, pusher, and spiral-based systems. We collaborate with each client to determine the optimal planogram configuration, ensuring a wide range of items can be efficiently dispensed. All machines come as standard with elevator systems for fragile product delivery.

Each machine is equipped with a 55" ultra-high definition (UHD) touch screen, enhancing the user experience and enabling the display of detailed product information and videos. When idle, the display can serve as a signage board to promote the company brand, ancillary services, or advertisements, including videos or still images.

This front-end customer journey can also be used to demonstrate proper equipment usage, providing an audit trail through user confirmation that the information has been viewed and the correct item has been chosen for the task. The same applies to new health and safety procedures, offering employers evidence that they are fulfilling their responsibilities.

Our user interfaces are intuitive and easy to navigate, both for users accessing items and for staff managing the equipment on a day-to-day basis.



TITAN™

EXTENSIVE REPORTING

Transaction reports can be scheduled as needed or accessed for specific date and time ranges in real time with just a few clicks through our Quoros® cloud portal.

These reports are fully customisable to meet the unique needs of each organisation, ensuring that only relevant information is delivered to the appropriate user roles.

Real-time product stock visibility is available, and picking lists can also be scheduled as required. This functionality supports PPE suppliers in maintaining adequate equipment levels and assists key personnel or departments responsible for inventory management, ordering, and daily operations.

Our system also monitors equipment usage, identifying both underuse and potential overuse. This feature supports employers by highlighting if workers are not fully utilising safety measures in place.





REMOTE SUPPORT

Our control platform is a comprehensive Internet of Things (IoT) solution, enabling 24/7 real-time, two-way communication between machines and our Quros® cloud. This facilitates live transaction reporting and control over a wide range of machine functions and settings.

Real-time detailed logging allows for immediate fault identification and diagnosis. Most software issues can be resolved remotely, while mechanical issues trigger alerts that inform engineers of the specific fault before they leave base, reducing the need for repeat visits and saving both time and money.

The intelligent design of our machines minimises downtime by automatically adapting to issues that could otherwise cause operational disruptions, such as disabling a faulty motor selection only, without disabling the entire machine.

ROUND UP

Intelligent Vending does not engage in the supply of PPE products, components, or other consumables, recognising the importance of existing supply chains to our clients. As a result, we do not bind customers to lengthy contracts or exclusive supply agreements.

We understand that many customers have well-established supply arrangements they prefer to maintain.

We are happy to collaborate with customers' own suppliers to select the most suitable items for vending and to optimise the use of our system for operational restocking processes.



LET'S TALK

a: Intelligent Vending Ltd
Black Rocks Business Park
Porter Lane
Near Wirksworth
Derbyshire
DE4 4NQ
United Kingdom

t: +44 (0) 1629 825555

e: sales@intelligentvending.co.uk

w: www.quoros.io