

What Is VisualVend@Safety™

VisualVend@Safety™ is the world’s first purposely built Vend2End Asset Tracking Software platform specifically designed in Australia for the personal protective equipment (PPE) & industrial sectors for vending in unattended environments.

The VisualVend software tool (a platform designed for unattended vending requiring a vending machine to operate), was developed by Enabled 2 GO Technologies – a cc2GO Group Company – specifically for the vending industry. The Group has been in vending telemetry, payments, wearables, and mobile/telecom communications for almost 20 years. After conducting extensive research and development in the vending and unattended retail markets in Australia and abroad, the VisualVend@Safety™ platform was developed in collaboration with TCN Vending Australia and several global vending manufacturers.



Why VisualVend@Safety™ and it’s Advantages

Reduce Wastage By 10- 45%	Reduce Stock Carrying Costs	Reduce Supply Issues
<ul style="list-style-type: none"> • Stop excess use/fraud/theft • Controlled access, traceable reporting, and regulatory compliance • Clear accountability, cost, and usage tracking 	<ul style="list-style-type: none"> • Unattended product issuing 24/7 • Decrease stock volumes 	<ul style="list-style-type: none"> • Re-ordering based on demand-based forecasting and accurate historical/real-time data • Cut costs on untested new PPE items with real-time data • Manage use of volume-in-demand product with real-time reporting

The VisualVend@Safety™ software platform consists of three major components:

- VisualVend User Experience (UX) – serving as the user interface.
- VisualVend Portal – incorporating setup functions, status updates, push reporting and alert messaging.
- VisualVend Back-End – operating system hosted on secure servers.



These three components integrate with the core functions of unattended vending machines to deliver an optimised user experience delivering a quick, simple process for product selection, efficient product dispensing and traceable asset tracking as well as reporting.

Unattended Vending User Experience

- An easy-to-use cloud-based tool to manage at-point-of-use unattended dispensing of PPE items and industrial supplies.
- Purpose built and integrated user interface for easy unattended PPE and industrial item collect-and-return dispensing.
- Easy and quick transacting by contactless/tap ID card or entering a unique user login and/or PIN number.
- Customisable to dispense all sorts of PPE/industrial products.
- Large/bulk item collect-and-return functionality by means of an integrated smart locker box storage platform.
- Returned goods activity can trigger a service request and/or checks and manages equipment requests via the back-end system.
- Facilitates collect-and-return asset usage.
- Web based and built from the ground up to simplify PPE/industrial safety item issuing 24/7/365.
- User experience supports special needs access requirements.
- Supports the need for product specific instructions, product use videos and/or safe work practices, dress code, etiquette etc.
- Smart tracking of failed-vend-drop and automated refill-alert management.
- e-Receipt furthering accountable asset/PPE/industrial safety item usage.
- Ensure workplace compliance to regulatory safe work requirements.



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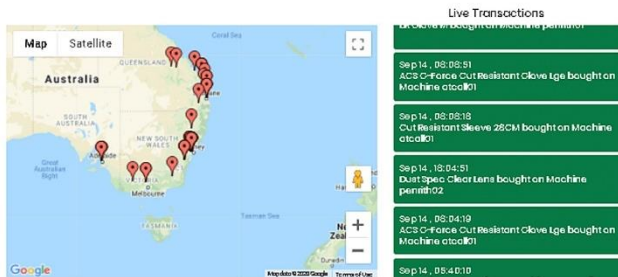
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Back-End Portal Management and Reporting

- Online customisable and secure portal login.
- Real-time activity recording from all unattended PPE & industrial vending and locker box transactions and events.
- Advanced search and transactional reporting functions by user, item/product, job, task, project specific number, specific cost centre, department, company and/or master contractor etc.
- Manage, control and report on collect-and-return asset and product tracking.
- Web based and built from the ground up to simplify PPE/industrial safety item management and record keeping.
- Auto records and displays full transaction traceability of user, product, whether item was taken and/or returned etc.
- Smart tracking of failed-vend-drop and automated refill-alert management.
- e-Receipt recording ensuring accountable asset vending support reporting and traceability.
- Online access controlled by user defined hierarchy/tier/level etc.
- Automated push alerts and notifications on stock replenishment, operational events/challenges and/or user activity.
- Customisable and automated/scheduled email reporting (e.g., sales, user feedback and error event reporting etc.).
- Limited user and/or group access e.g., limit setting on product quantity per period/user etc.



About VisualVend@Safety™ Tool

VisualVend was designed from the ground up after extensive industry feedback and in close consultation with Australian and multi-national PPE manufacturers, industrial partners and client channels who were seeking a simpler way to comply with safe work health and safety requirements without compromising supply control and dispatch efficiency. The VisualVend platform was built for the future of unattended retail, supporting contactless tap input and touch display technologies ranging in display size from 5-inch to 50-inch where purposely built interactions and menus are targeted for unattended safety/industrial item vending.

About TCN Vending Machines



Hunan TCN Vending Machine Co. Ltd is the world's second largest vending machine manufacturer. TCN, exports machines to more than 100 countries in America, Europe & Asia, including Australia. It has one of the biggest vending machine factories in China covering more than 100,000 square meters and produces up to 150,000 units per annum.

TCN Australia produce quality vending machines and solutions that offer advanced embedded electronics utilising VisualVend technologies. TCN vending machines' advanced vending motor capabilities support coil and conveyor belt as well as lifter dispensing options. TCN Australia's PPE unattended vending offerings include PPE & industrial vending machines complemented by integrated smart pickup and return locker box systems. TCN vending machines can be customised to vend almost any PPE/industrial item to meet the specific nature and requirements of most industrial sites. TCN locker boxes allow storage and issuing of a range of larger and expensive industrial equipment such as hard hats, industrial drills, and associated equipment; even boxes of widgets where a user's usage can be limited to a maximum number of widgets. These proven solutions have helped address industrial and safety equipment supply in unattended locations and has positioned TCN Vending Australia as one of the fastest growing vending solution providers in Australia and New Zealand. TCN Vending Machines, supplied by Vendpro can be upgraded to include media touch screens and/or belt conveyor elevator systems. All machines come with smart remote management capability.

Technical Support

VisualVend@Safety™ comes with a comprehensive list of online user manuals, configuration files and video conferencing material. New releases of software are complemented with related video conferencing material to assist user knowledge transfer and learning. If required, a vending hardware and/or solutions support engineer is available to assist resolving specific challenges in a more personalised environment.

FREQUENTLY ASKED QUESTIONS

What PPE products can I vend?

We can manage the vending of most PPE/industrial and chemical products including, but not limited to:



• Safety glasses	• Riggers gloves	• Ear plugs	• Nitrile glove boxes	• Electrical tape
• Dust filters	• Earmuffs	• Cut resistant gloves	• Lip balm	• Grinding discs
• Sunscreen	• Hand sanitiser	• Goggles	• Glove clips	• Handheld power tools

Can I use my current stockist or stock my own products?

You can use both methods. That means you can retain the independence to competitively bid the supply of your PPE and other consumables and/or work with your suppliers to keep your costs down.

What savings can I expect?

A saving of at least 10-45% (and even up to 60% on some items) on your material usage is to be expected. Significant savings in labour transpires from less time spent at waiting for service at the stores counter, the need to fill out and approve supply demands etc. In addition, accurate and real-time information and traceability on product use saves a significant amount of management and reporting time whilst increasing compliance to regulatory requirements.

Are there any limitations on the product items I can dispense?

No, you have the freedom to stock and vend almost any product you choose with the experience and support of Vendpro, such as PPE, industrial items, or consumables including drill bits, stationery items, adhesives, batteries, sunscreens, spanners, or other products. The only limitation is the physical size and weight of an item, but our flexible machine set-ups can accommodate a range of different pieces.

Can we restrict access to certain items or limit the quantities an individual can have?

Yes, VisualVend@Safety™ includes the support of groups and individual employee/user access to items and can include number of products accessed limitations.

This can be done with the customisable back-end cloud portal that allows you to create different user groups (e.g., supervisors vs. general staff) and then restrict access to certain types of products for that group. In this way you help ensure staff are using the right gear for the right task and limiting excess usage.

Can we use our existing employee access cards to use the machines?

Depending on the type of cards being utilised and the current security arrangements in place, there are several options which are supported. We support a range of RF, NFC and PIN based input cards and FOBs.

Any systems integration is possible and will require the assistance of the IT department within the organisation as well as the security card providers. They can also support staff ID and/or PIN input for any existing employee cards. Alternatively, we can issue you with a generic key tag and/or fob.

Who is responsible for filling the machines and how hard is it?

There is an option of using your staff, your suppliers, or another third-party provider. It is not difficult to refill a machine and care needs to be taken to ensure trouble-free dispensing. Refill varies but can take about 15 to 45 minutes to completely fill a machine depending on the product. TCN Vending machines have a simple pull-out tray to improve efficiency in refilling items.

Where do the PPE machines have to go?

PPE machines can be stored in indoor and outdoor environments and in various extreme weather conditions. Placing PPE machines where they are easily accessible is ideal to maximise efficiency of movement e.g., start of shift areas, plant access points, workshops etc.

Is special packaging required for the products?

Most items can be vended without any special packaging. That's because we can tailor each aisle "slot" with the right set-up to match the products and ensure trouble free operation. We include extensive aisle slot testing and provide expert training as part of the Vendpro service and can advise you on suitability and limitations on an individual product basis.

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