temrex

SMARTBOX

RELIABLE WAREHOUSE
supporting your success

Automated system for dispensing, returning
and monitoring the usage of tools, PPE and consumables.



ONLINE + OFFLINE + 24/7 NON-STOP

SMART DISPENSING starts HERE

www.temrexsmartbox.com

FEATURES

UNLOCK the full potential

LIMITS & BASKET

Quantity limits for groups and individual items, based on fixed or rolling periods. The basket checks availability and limits every time an item is added.

TOOL TRACKING

Employees don't have to decide what to do with a worn-out tool. The system knows whether it should be refurbished or scrapped.

OFFLINE MODE

The machine continues to operate offline. The operation history syncs automatically once the connection is restored.

WAREHOUSE

Employees can place orders for required items from the warehouse directly through the vending machine.

PARCELS

The system allows users to easily send and receive parcels and store items in lockers.

DISPENSING ORDER

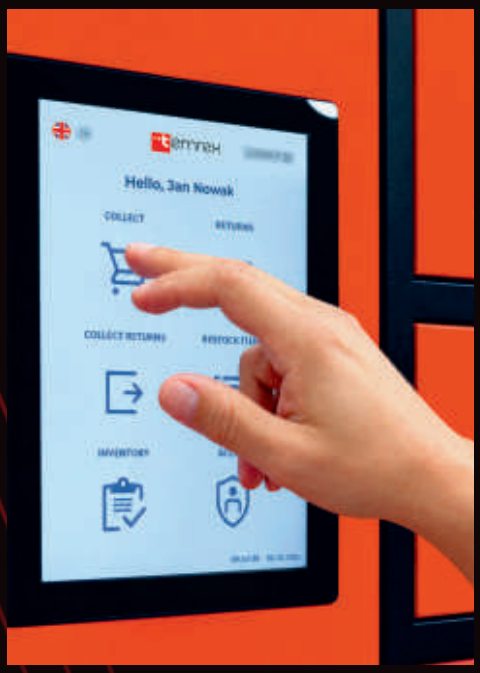
FIFO, LIFO, FEFO, expired item blocking, and favourite items - also available offline.

PRODUCT HIGHLIGHTS

More about the BENEFITS

Why SmartBox?

- **Works even when the network is down.**
  Each machine has its own "brain" with a copy of access rights and limits. Even offline, employees can log in and dispense items, limits remain active, and transactions sync automatically to the cloud once the connection is restored.
- **One system for the entire fleet.**
  View all machines and locations in one browser-based dashboard. Adding another machine means adding another cabinet, not starting a new IT project.
- **Every item has an owner.**
  Employees log in using a card or PIN, and the system records who took what, how much and when. These records cannot be altered.
- **Easy migration from other systems.**
  Already have our machines? Switch to SmartBox without replacing them, and their data will sync to the cloud. Import employees and items from Excel, and log in to the dashboard using your company account.



WHO BENEFITS

Where does it FIT best?

MANAGEMENT

costs under control

HEALTH & SAFETY

PPE only for authorized users

PRODUCTION

essential materials available 24/7

WAREHOUSE

continuous stock control

HR

employees synchronized automatically

PURCHASING

usage and costs based on hard data

TOOL CRIB

tools and parts under control

IT SUPPORT

diagnostics, connectivity, integration

MEDICAL

expiry dates under control

INTELLIGENT SUPPORT

SMARTBOX every day

06:00 AM
SHIFT START

The employee tap their card and collects gloves and drill bits - only the items they are entitled to.

09:30 AM
NEW CHEMICAL PRODUCT

Before collecting the product for the first time, each employee confirms that they have read the product's Safety Data Sheet on the vending machine's screen.

1:00 PM
DRILL BITS RUNNING LOW

The panel displays a low-stock alert, and the employee restocks the vending machine according to the shortage list.

5:20 PM
REMOTE MONITORING

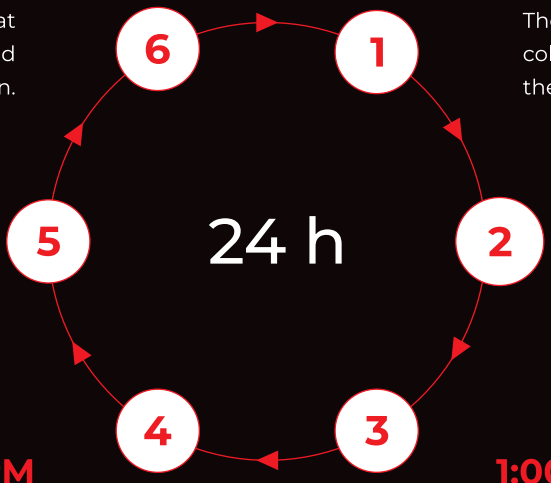
The service team checks the machine's status online and adjusts its settings, eliminating the need for on-site visits.

11:40 PM
OFFLINE NIGHT SHIFT

The internet is down, but the vending machine continues dispensing items, and enforcing limits. Data syncs to the cloud once the connection is restored.

07:00 AM
MORNING REPORT

The manager reviews who took what and how much, by department and shift. The cycle starts again.



ONLINE SUPPORT

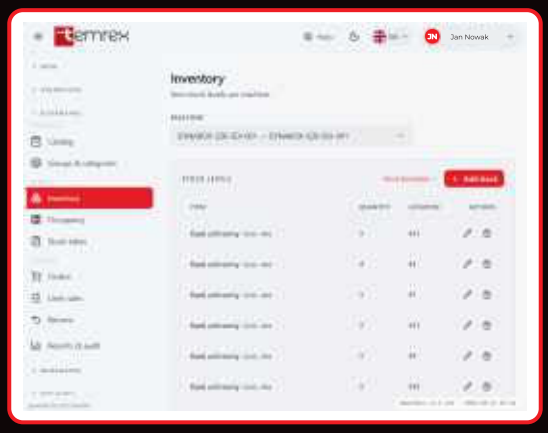
SmartConf – Online Monitoring

SmartConf is a flexible service module for the **SmartBox** system that enables remote monitoring and control of vending machine operations - without the need for on site visits.

All machines are accessible through a single online dashboard, allowing service teams to monitor their status in real time, review operational history, and diagnose errors before users even notice them.

Potential technical issues stay under control and can be resolved remotely, helping ensure uninterrupted machine operation.

SmartConf is designed around service teams' needs. Everything online, all in one place, fully under control.



What does your SERVICE TEAM gain?

FAST ANALYSIS

The system detects faults and reports each one in a clear, service-friendly format. The dashboard also provides a detailed description and indicates the severity of each issue. This allows service technicians to know exactly what has happened before heading on-site.

AUTO ALERTS

When a fault is detected, the system automatically creates a service ticket. The service team receives detailed information before the user even notices the issue. All tickets are visible in the dashboard.

REMOTE SERVICING

From the dashboard, you can perform a range of actions: open or close a compartment, clear errors, and switch the machine's operating mode. You can also rotate the drum to a selected position, read and reset counters, and download reports.

MACHINE PARAMETERS

Service technicians can remotely adjust machine settings, including encoder offset, braking, speed, solenoid operation, and LED brightness. They can also configure the number of doors, columns, column widths, and location layout.

MACHINE HISTORY

The service team can monitor current machine operation and view its history. The dashboard displays CPU, memory, disk and network status, as well as machine communication logs.

OPERATIONS UNDER CONTROL

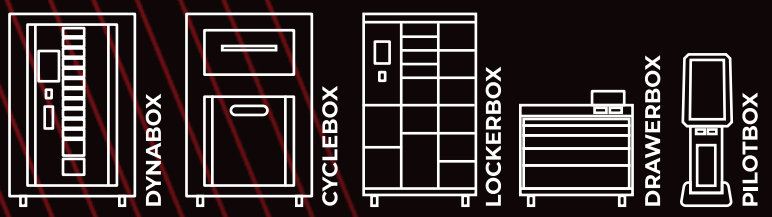
Each service technician has an individual account, and every action they perform is logged in the system, ensuring full team oversight and enabling better coordination of their work.

VENDING MACHINES

ONE SYSTEM - the entire BOX range

SmartBox software supports all TEMREX BOX range vending machines: DynaBox, LockerBox, CycleBox, DrawerBox and PilotBox. Dispensing, returns, limits and costs—all in one place.

Up to 15 machines in one system! Scaling up has never been easier—simply add another machine.



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