

A graphic consisting of three vertical bars of increasing height from left to right. The left bar is dark grey, the middle bar is yellow, and the right bar is dark red. Each bar has a white arrow pointing upwards.

NPF 2026

# FORGING

BOLD HORIZONS

## Locker-First Logistics

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# Introduction



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# Agenda

- **The Parcel Locker ‘Boom’**
- **Industry Insights**
- **Overview of Locker Types**
- **More Than a Metal Box** (Technology-Led Solutions)
  - Leveraging technology for workflow integration
- **Range of Applications**
  - New frontier for Healthcare Solutions
  - Asset Management, IT Support/Device Issuing, Hybrid Workforce
  - Acquisition thru Advertising/Sponsorships/Revenue Models
  - Leisure Services: Campgrounds, Parks, Marinas, etc



# The Advent of Parcel Lockers



*Photo purchased from iStock*

Over the past decade, the rapid expansion of e-commerce has intensified demand for parcel delivery solutions that are both efficient and reliable.

In response, Intelligent Parcel Lockers have emerged as a leading solution, offering a secure, convenient, and scalable way to meet the evolving needs of modern delivery networks.

# Parcel Locker Landscape

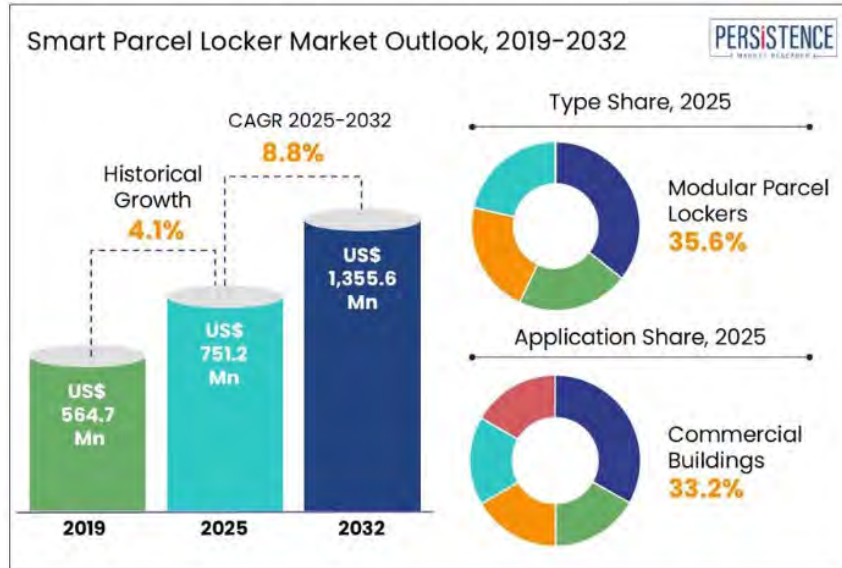


Photo from Persistence Market Research

Published market research lists the global smart locker market to be around US\$800 million in 2025, growing to \$1.4 billion in the US in 2032.

The North American market accounts for around 42% of the global locker market.

# Industry Insights



Photos by TZ lockers

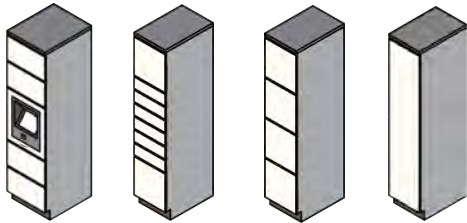
Commercial properties are driving adoption, particularly across apartments, retail, campuses, and offices.

Expanding carrier and retailer networks are accelerating acceptance of secure, self-service parcel pickup.

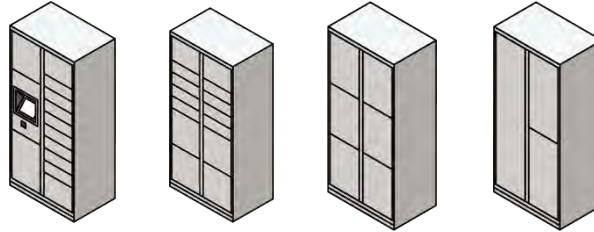
Smart lockers deliver efficiency and convenience, reducing failed deliveries, easing staff workload, and improving security



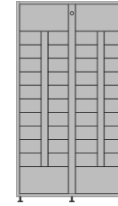
# Range of Locker Types



Laminate Lockers



Metal Lockers  
indoor/outdoor  
front/rear loading



Mail Lockers



MailBoxes



Food Lockers



Refrigerated Lockers

Renderings by TZ lockers

# Ambient Food Lockers



Photos by TZ lockers

- Indoor and Outdoor options
- Front and Rear Loading options
- Range of modules and sizes available
- Window on door to show food condition
- Interior lighting on door opening
- Range of technology options:  
UVC Disinfection, Thermal Insulation,  
Weight Sensor, IR Detection

# Refrigerated Lockers



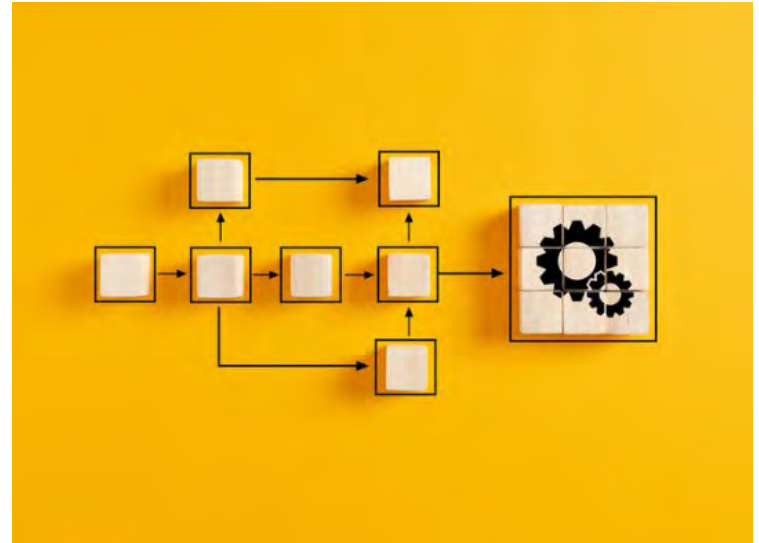
- Cool (35°F to 43°F) and Chilled Lockers (-8°F to 0°F)
- Automatic temperature control technology
- Design provides rapid and uniform cooling
- Greenhouse gas-free refrigerant (R290)
- Integrated molding technology for doors
- Self closing doors
- Alarm is triggered if doors are left open

*Photos by TZ lockers*

# Can the Locker Provider cater to the needs of tomorrow?



- New requirements?
- New value-added services?
- Need for deeper levels of system integration?
- Advent of new technologies?

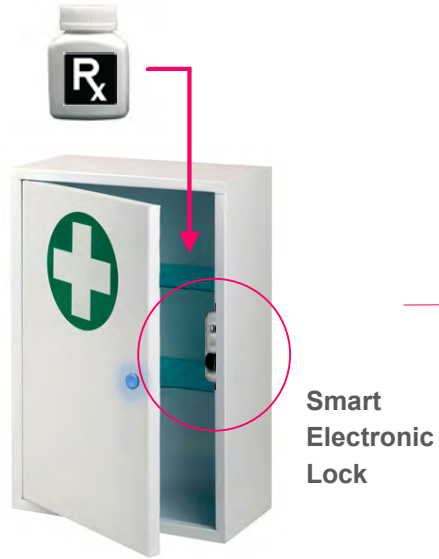


*Photo from Adobe Express*

**It's not about the locker manufacturer ...**

**It's about having a technology-based-solution approach to your workflow**

# Example of Technology-Led Solution



Smart  
Electronic  
Lock

Primary Function:  
Locker Security

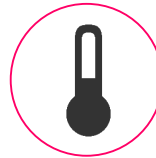
Secondary  
Function:



Track Status



Profile Medication  
Name, Expiry, Number of Tablets



Monitor Temperature



Send Alert



Monitor Expiry Date



Restricted Opening



Patient  
Management

# Locker-First Logistics Impacting Healthcare



- Rural Health Transformation (RHT) Program
- Solutions, Services, Technology, Staffing and Products to Critical Access Hospitals, Urgent Care Facilities, etc.
- Leveraging couriers with a ‘Hub & Spoke’ Distribution Model from Regional to Rural Facilities
  - *Pharmaceutical distribution*
  - *Lab samples*
  - *Specialized Equipment*
  - *Patient Personal Belonging Storage*
  - *Surgical Prep*
  - *Meals*
  - *Laundry & Linens*



**RURAL HEALTH**  
TRANSFORMATION

**RHT Program funding is \$50 billion to be allocated to approved States over five fiscal years, with \$10 billion of funding available each fiscal year, beginning in fiscal year 2026 and ending in fiscal year 2030.**

*<https://www.cms.gov/priorities/rural-health-transformation-rht-program/overview>*

# Range of Applications - Healthcare



Photo by TZ lockers



Go to Equipment Locker



Scan Equipment ID

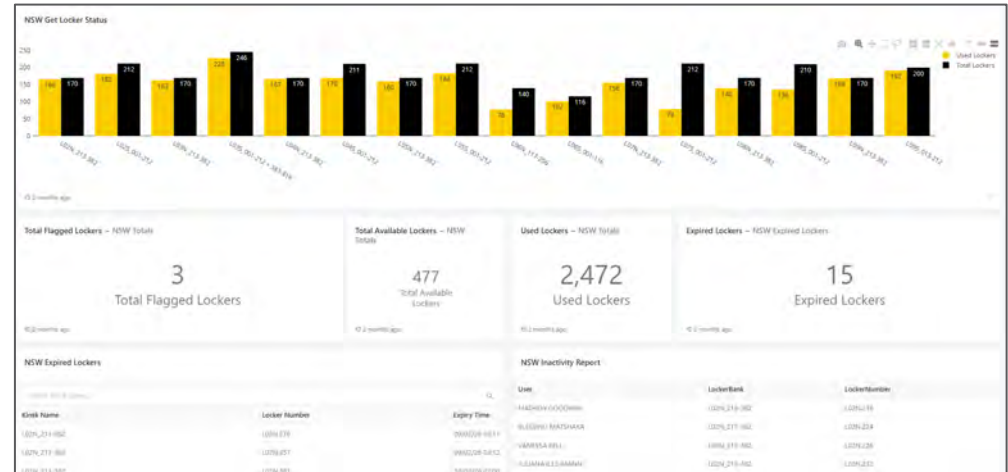


Return Equipment

# Range of Applications – Employee Storage



Photo by TZ lockers



Dynamic Utilization Reports

# Range of Applications – Employee Storage



*Photos by TZ lockers*

Access via Facial Recognition



Access via Mobile Credentials

# Range of Applications – Asset Tracking & Mgmt



- Assets/Users/Admins
- Staff Managers check in assets via asset tag barcode into lockers
- RFID/QR Code scan for user access
- Users Check In/Out assets to be tracked by a unique serial number
- When a user checks out a product, the serial number that is in that compartment is attached to that user.
- Reports and dashboards show where and who holds any serial number in the system



Photos by TZ lockers



# Range of Applications – End of Trip Lockers



On-line Locker  
Booking



Ride to Work



Authenticate to  
access Locker

Photo & Rendering by TZ  
lockers

# Range of Applications – Smart Gym Lockers

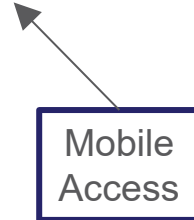
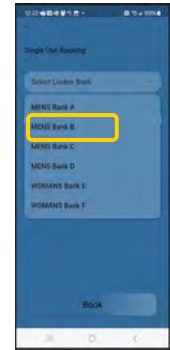


Photo & Rendering by TZ  
 lockers

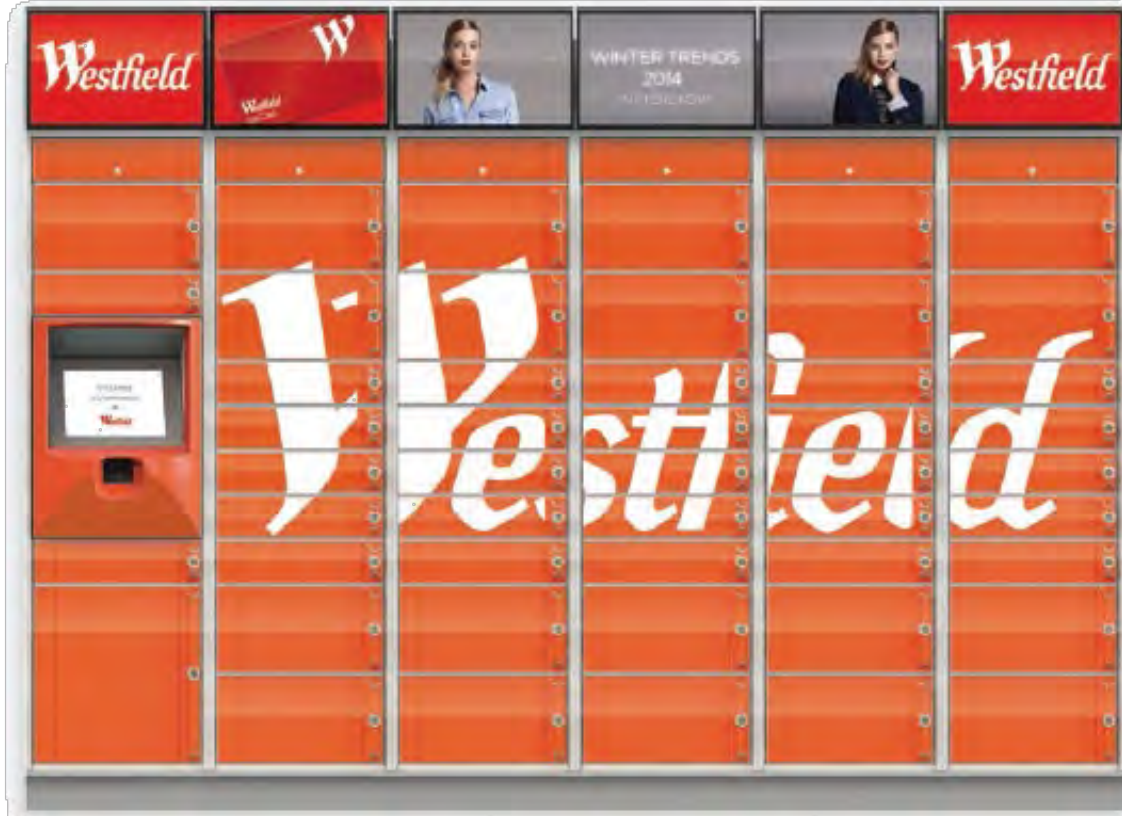
# Range of Applications – Retail Lockers



Personalized Greeting Message

Photo by TZ lockers

# Range of Applications – Retail Lockers



Streaming Advertising for Customized content to consumers

Photo by TZ lockers

# Range of Applications – Remote Access or Storage Parks



- Promotional wraps
- Rentals
- Secure storage
- Vending for supplies
- Offsite temporary deliveries to registered long-stay campers

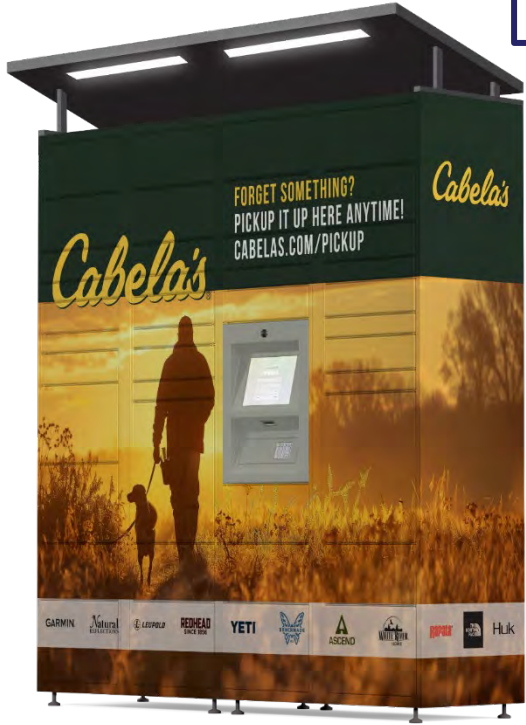


*Images Created by & Property of Postal Source*

# Range of Applications – Campgrounds



Leveraging corporate sponsorships to offset acquisition costs



Images Created by & Property of Postal Source

# Range of Applications – Marinas, RV Parks



- Monetize the convenience of lockers.
- Temperature-controlled systems for hot, cold, frozen or regular deliveries, storage, rentals, vending, etc



Images Created by & Property of Postal Source

# Questions & Closing



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Stop by

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if you have additional  
questions



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