

Smart Lockers

# Successful Smart Lockers Deployments



## Customer Locker

### The Challenge

The construction industry runs on one simple rule, to reduce down time as much as possible. When every second counts no one has time to wait around trying to get parts for machines. That is why CAT wanted to create a system to allow their customers to pick up the parts they need on their time rather than having to stick to the traditional 9-5 of most businesses. Tired of being at the mercy of shipping times and scheduling conflicts CAT

### The Solution

Tired of being at the mercy of shipping times and scheduling conflicts, CAT came to Meridian for a solution that would give control back to their customers. Something that could effectively store expensive equipment and notify customers when their orders are ready. That is why Meridian created the 24-Hour Parts Pick-Up Lockers for CAT.



express card or some other form of ID into the system and the corresponding door in the Parts Locker opens easily allowing them to decrease down time waiting around for necessary parts to be delivered or for someone to let them into the building.

## Carter CAT

A Caterpillar equipment dealership wanted to improve their customer service, specifically those customers who would not be able to pick up parts during normal business hours.

“The locker automatically sends a notification letting the customer know that their part is ready for pick-up, even if it is after hours.

### The Results

Now when a customer's part is ready it is simply scanned into the locker which automatically sends them an email confirmation letting them know their part is ready for pick up. Then the customer picks up the part on their time, even if it is after hours or before dawn, the automated process means no more waiting for normal business hours. The customer simply scans their

Learn More:

[Watch Video](#)

## Parcel Locker

### The Challenge

The popular apartment complex was having an issue with so many packages being delivered for residents that the normal offices were being over run and causing an unsightly cluster of boxes creating an eye sore in the front offices. Additionally, some residents even had to pick up their packages directly at the post office due to lack of space. Causing increased frustration and headaches for the community and residents.

“The solution not only organized their often-cluttered mailroom but also provided increased security for their deliveries.

### The Solution

Meridian developed the Smart Parcel Locker that allowed packages to be dropped off at the office but kept in a sleek and organized way. When a package is placed in the locker the resident is sent an automatic text notification with a personalized code increasing safety and security of their packages. Additionally, Meridian's Parcel Lockers come with automatic reminders for packages not picked up with in a specific time frame as well as remote management that allows the office staff to see which packages may have been forgotten and when residents picked up their packages.

### The Result

The complex was overjoyed to have a comprehensive and modern solution that not only organized the often-cluttered mail room, but also provided increase security for their deliveries and allowed them to pick up their packages in one location rather than having to go all the way to the post office for deliveries. Delivery drivers also enjoyed the convenience of having everything in one location rather than having to hunt down individual units or addresses.

## Tyler's Ridge

A multiple family home complex consisting of apartments and condos in the state of North Carolina. Tyler's Ridge would often deal with cluttered and overflowing offices when the packages ordered by residents were delivered.



Learn More:

[Watch Video](#)



## Asset Management Locker

### The Challenge

When faced with the challenge of increasing capacity Porter Pipe had two options, either continuing to replace expensive RF scanners or to invest in a better way of utilizing the existing equipment. Porter Pipe wanted a Smart Locker that could store the expensive RF scanners so that they could easily be accessible to employees even across multiple shifts. With over 100 warehouse employees using 70-75 RF scanners a day Porter Pipe was losing out on productivity due to downtime.



### The Solution

Meridian designed the Asset Management Locker to securely store all the RF Scanners in one convenient location that employees can access at the beginning of their shift. Efficiency and ease-of-use were top priorities for the design. Meridian's Asset Management Locker takes less than 30 seconds to check-out an item and less than 10 seconds to return it properly. The internal software of the Asset Management Locker shows a real-time log of all scanners that have been checked-out and returned. This has led to increased accountability and traceability, even across multiple shifts. When returning items there is a space to report any damaged devices that automatically notifies the IT department to ensure prompt repairs and maintenance for all equipment.

### The Result

The results have been staggering, saving Porter Pipe \$62,500 in replaced equipment costs alone. Additionally, there has been a decrease in the amount of productivity loss caused by lack of RF Scanners. Employees were wasting about 2 hours a day searching for lost scanners or waiting around for one to be available. Costing the company, a shocking estimate of 13 weeks of production a year from lost equipment alone. Now all equipment is conveniently located in a sleek and more visually appealing way compared to the cluttered open shelves previously used.

## Porter Pipe

Porter Pipe is a large wholesale supplier of equipment with multiple locations across the country. With inventory totaling over \$250 Million Porter Pipe was awarded the 2021 Supply House of the year.

Furthermore, when implemented Porter Pipe realized that many of their RF scanners were broken and not being reported to IT for repair. Due to this lack of accountability many employees were holding on to their scanners to ensure they did not receive a broken one for their next shift. By implementing the Asset Management Locker any damaged equipment is promptly reported to IT to be fixed immediately, ensuring all equipment is performance ready across all shifts.

Learn More:

[Porter Pipe & Supply](#)





## Employee Locker

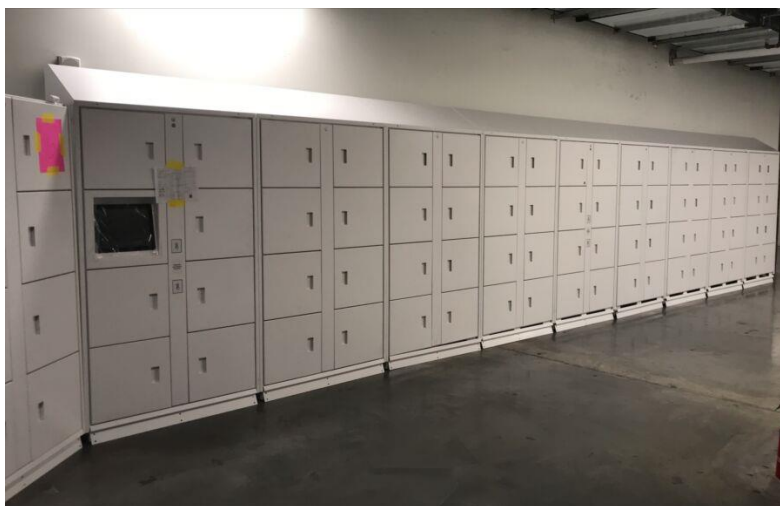
### The Challenge

A large automotive manufacturer approached Meridian about upgrading their locker system for employees. Since this company is at the forefront of technological innovation it made sense, they would want Meridian to create something so innovative for their employees working in the factory.

“ Since this company is at the forefront of technological innovation, it made sense they would want Meridian to create something so innovative for their employees

### The Solution

Meridian developed the “Employee Locker”, a smart locker that allows employees to scan an RFID or any other type of identification to allow access to the locker. At the beginning of their shift employees scan into the system and an empty locker is automatically assigned to them for the day. At the end of their shift the employee just scans again, and the system automatically opens their locker increasing security and efficiency for all employees



## Electric Vehicle Manufacturer

A large manufacturer located in Texas needed an innovative way to store employee's personal items during their shifts. Being known for being on the cutting edge of technology it was important that they found a solution provider who could meet their standards.



### The Result

This large electric vehicle manufacturer was so impressed with Meridian's employee lockers that they have extended them to all their factories across the country. They call all smart lockers “Meridian Lockers” because this company, who is at the forefront of technological innovation, sees Meridian as the only company who can rise to the challenge and deliver such quality products.

Learn More:

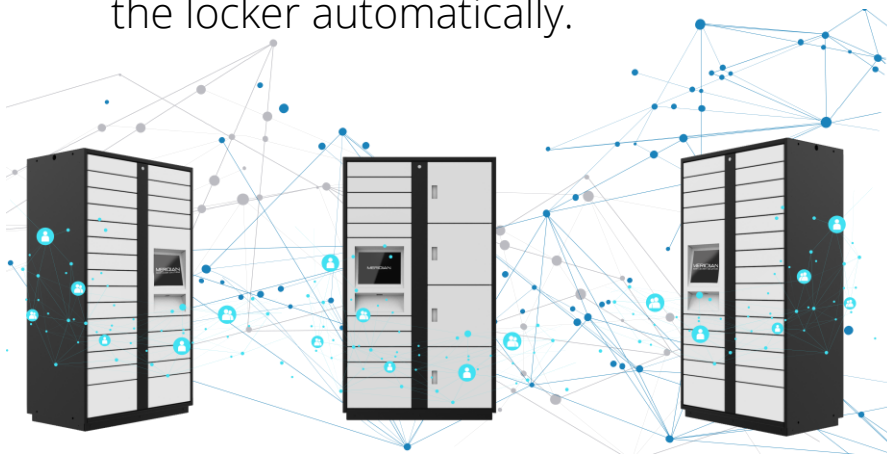
[Watch Video](#)

# Visibility Tracking Locker

## The Challenge

The Baltimore Police Department was in a unique situation, they already had smart lockers in place, but their lockers were not capable of what Meridian could offer. The police department wanted a solution that could be retrofitted into existing lockers for safe and secure transfers of evidence and important documents throughout the day and between departments with the ability to keep electronic records of all usage reports.

“This software allows all items to be tied to a 4-digit code and keeps an internal record of all transactions made at the locker automatically.



the door an automatic notification is sent to the recipient with either a QR code or a numerical code for pick up. The recipient uses their code at the locker and the corresponding door opens, as the system keeps an internal record of when the items were accessed. Once the recipient retrieves their items and closes the door the system automatically sends a successful pick-up message to the admin and resets the door to the “Ready State” making it available for another use.

## Baltimore Police Department

Established in 1784, the Baltimore Police Department is divided into 9 districts covering over 80 miles of land and over 11 square miles of water ways in the largest city in Maryland. Over 3,100 employees serve the city of 614,000

## The Solution

Meridian's software could be retrofitted to their existing lockers and allow all items stored to be tied to a 4-digit alphanumeric sequence ID or by the name associated with the item to keep an internal record of all transactions made at the locker automatically

Increasing efficiency and transparency across the entire police department. The software allows an admin to enter their password at the locker and select a specific door size depending on the size or quantity of the items they are transferring. Upon closing



# Library Locker

## The Challenge

The Public Library in Frisco, Texas wanted to offer patrons a convenient way to pick up and return borrowed items from the library. Looking for a modern and innovative solution that could fit into the schedules of their busy patrons while they were out running errands to help increase convenience and library use. The Frisco Library reached out to Meridian to develop a solution for contactless pick-up and drop-off even if the physical library was not open.

## Frisco Public Library

A public library in Frisco, Texas was looking to offer their patrons in a user-friendly and modern way to match the innovative nature of the library.

## The Solution

Meridian developed a Library Locker the Frisco's CONNECTION space, at their Stonebriar Centre. Connecting to the existing library system, patrons were given the option of locker pick up during online checkout.

The library support staff member places the item into the locker and an automatic notification is sent letting the patron know that their item is ready for pick up. And when it is time to return the item, the patron simply follows the on-screen instructions that walk them through the return process.

The Locker automatically updates and indicates the return. Then the library support staff are then able to collect the items and return them back into circulation for the next patron to check-out from the library.

## The Result

The Library Lockers that Meridian created were a convenient solution during the Frisco Public Library's big move. In order to move all 250,000 items such as books, movies, and furniture the physical library building had to close and would not reopen until February 4, 2023. However, during the almost two-month time period, the Library Locker offered a way to extend services to patrons who would have been left wanting during the move. Even after other locations such as City Hall were no longer accepting library returns the Library Locker was an effective solution. The library extended all rentals until the physical reopening, however, the locker allowed early returns, saving the library money from unreturned and forgotten items which would have been a significant loss had it not been for Meridian's Library Locker.



Learn More:

[Library Connection](#)

[Moving Library](#)

## **Corporate Headquarters**

312 S Pine Street  
Aberdeen, NC 28315  
+1 866 454 6757  
sales@mzero.com

**meridiankiosks.com**

