SMART LOCKERS

Meridian's Smart Lockers provide secure, fully integrated systems to simplify product pickup for unattended rentals, device charging, package drop off and retrieval, and much more. Designed with the end-user in mind, electronic locker systems enhance, complement, and expand upon the processes and service that they use and rely on across a variety of industries.

BUY ONLINE, PICK UP IN STORE

Restaurants and retailers alike can utilize smart lockers for convenient order pickup. Customers can place their orders online or in-app and pick it up directly from the locker by using a QR code or pin number when their order is ready.

SECURE STORAGE

Smart lockers can be used to provide secure, kiosk-managed storage for products and/or belongings. For example, travelers on long layovers can pay to store their carry-on baggage securely in the locker until it's time to board their flight.

EQUIPMENT RENTAL

Companies in industries of all kinds can utilize smart lockers to store equipment for convenient rental and return. Customers can pay for and schedule their rental online, in-app, or at the kiosk-managed locker system.

PACKAGE DROP OFF/PICK UP

Delivery services can use smart lockers to securely store packages. Customers are then able to pick up their packages at their own convenience by either scanning a QR code or entering their assigned pin number.

📞 **(866) 454-6757**

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FEATURES + DIMENSIONS

Designed to integrate with back office systems and hundreds of different components, including pin pads, scanners, and more, Meridian Smart Lockers provides a complete package pick-up and drop-off solution.

Locker administrators can utilize Meridian's Locker Software Development Kit (SDK) to create and customize their own software application. The Software Development Kit can also integrate with Meridian's MzeroManage remote management software to allow operators to monitor and manage multiple kiosks in remote locations.

- **Durable, Steel Enclosure**
- **Easy Open Lockers**
- **Durable Powder Coat Finish**
- **Tamper Resistant Locks**
- **15-inch Touchscreen Display**
- **Indoor and Outdoor Models Available**
- **Optional Barcode Scanner**
- **Optional ADA Compliant Pin Pad**
- **Optional ADA Compliant Headphone Jack**

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DOOR SIZES
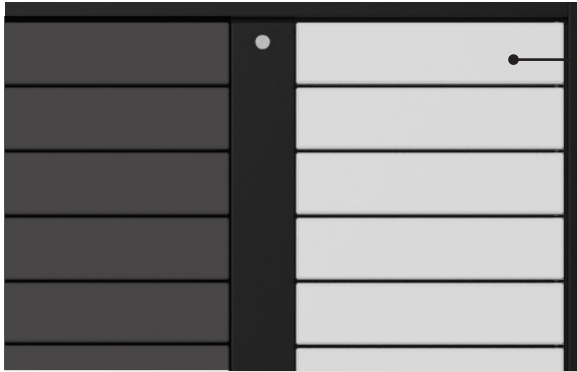
Small Doors

Compartment Dimensions
16"w x 3.25"h x 22"d

Door Dimensions
18.76"w x 4.25"h

Small door columns will always include a medium door at the bottom.

Medium Doors

Compartment Dimensions
16"w x 7.75"h x 22"d

Door Dimensions
18.76"w x 8.75"h

1 medium door is equivalent to 2 small doors.

Large Doors

Compartment Dimensions
16"w x 16.85"h x 22"d

Door Dimensions
18.76"w x 17.75"h

1 large door is equivalent to 2 medium doors or 4 small doors.

Extra Large Doors

Compartment Dimensions
16"w x 34.75"h x 22"d

Door Dimensions
18.76"w x 35.75"h

1 extra large door is equivalent to 2 large doors.

CHOOSING YOUR LOCKER CONFIGURATION

1 Select your ideal number of columns: 1, 2, 4, 6 or 8.

(Max is 8 columns, or 4 dual column units. May not pair a single column with a dual column to create odd number of columns. 1 column unit with screen is only available with small doors.)
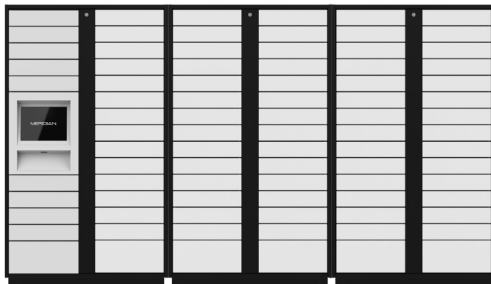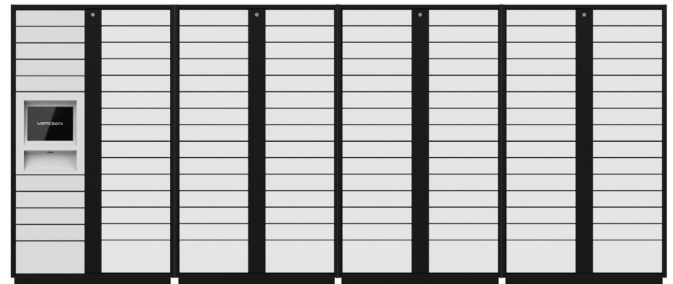
1 Col — **2 Col** — **4 Col**

6 Col

8 Col

2 Select which column you'd like your screen to be placed.

(Note: Column that includes the screen will only include small doors.)

3 Select door sizes for each column. All doors in each column must be the same size.

(Note: Small door columns will always include a medium door at the bottom.)

Small:
15 doors/column

Medium:
8 doors/column

Large:
4 doors/column

Extra Large:
2 doors/column

**4** Choose where the lockers will be located, indoor or outdoor.

5 Choose powder coat or graphic wrap options. See next page for details.

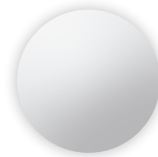MERIDIAN.

GRAPHICS + POWDER COAT OPTIONS

STANDARD POWDER COAT COLORS

- EPA approved

- No Solvents or VOCs

- Fade Resistant

- Durable

- Easily Cleaned

- Antimicrobial Available

* Additional colors available. Small batch custom paint fees may apply.
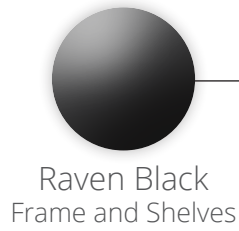
Raven Black
Frame and Shelves

Whisper White
Locker Doors

GRAPHIC CUSTOMIZATION

- Lexan Lamination

- EPA approved

- No solvents or VOCs

- Fade Resistant Ink

- Durable and easily cleaned

Partial Wrap
Logo only

Half Wrap
All locker doors

Full Wrap
Locker doors + chassis

Custom printed by the Meridian print shop at our headquarters in Aberdeen, NC. Graphic templates available.

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LOCKER SOFTWARE

The "fulfillment" and "retrieval" processes outlined below are provided as a representation of order flow and can be customized to meet your organization's specific needs through the Mzero Locker SDK. Designed to integrate with back office systems and hundreds of different components, including input devices, proximity sensors, scanners, payment terminals, printers, and more, mBOX Plus provides a completely customizable package pick-up and drop-off solution.

When deploying your smart locker solution, customers are able to create their own application from Meridian's Software Development Kit (SDK), MzeroCreate. MzeroCreate provides the programming interface integration that allows full customization of the locker solution platform. It also has the capability to integrate the locker hardware itself.

FULFILLMENT
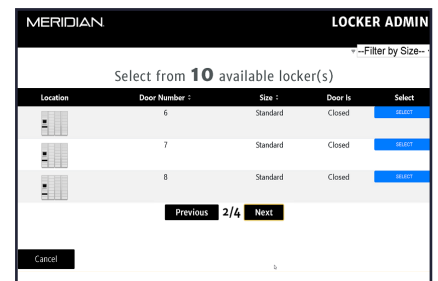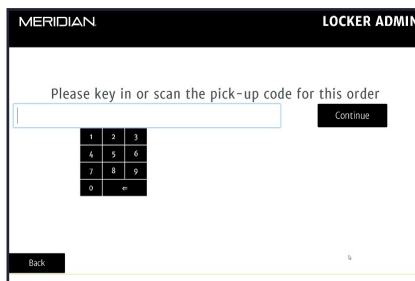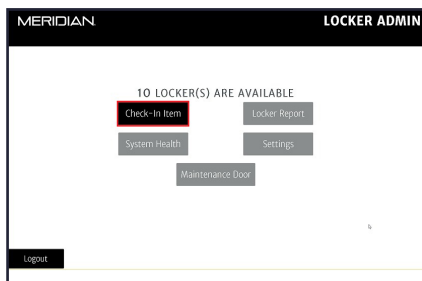
RETRIEVAL
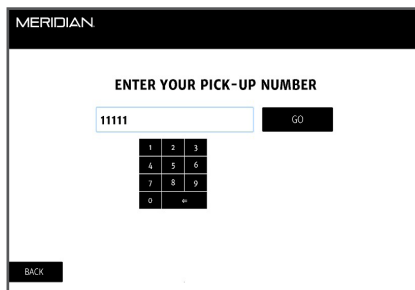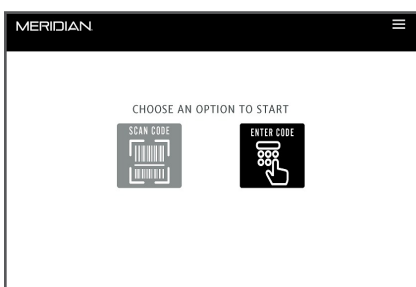
FUNCTIONALITY

The Mzero Locker SDK utilizes three simple commands as the basis of the application: 'Status,' 'Store,' and 'Retrieve.'

The 'Status' command allows the operator to assess the inventory of all the lockers.

The 'Store' command scans the tracking number and opens an available door so that an operator can place a package inside.

The 'Retrieve' command enables the customer to scan a delivery notice which will open the locker door associated with their order.

Meridian's mBOX software solution currently has the capability to support units with up to 70 individual lockers per PC.

The Mzero Locker SDK allows for rapid development of smart locker applications and integration with hundreds of hardware components. Integration points already built into the SDK include:

CATEGORY	COMPONENT
Inputs	Touch Screen, Keyboard, Voice Prompts, Headphone Jack, Tactile Navigation. Scanner
Communication	Help Calls (VOIP), Optional Video Call
Identity Scanning	Driver's License, HID Access Card, Loyalty Cards
Security	Camera, Door Sensors, Intrusion Sensors, Tilt Sensors, Transaction Receipts, Pickup Receipts

mzeromanage

REMOTE KIOSK MANAGEMENT SOFTWARE

MzeroManage is Meridian's proprietary remote monitoring software, designed to enable locker administrators to monitor and manage multiple locker deployments from remote locations. MzeroManage aggregates all the inventory of the smart locker system into a single database in real time, giving administrators the peace of mind that everything is running smoothly, even when they're offsite. The heartbeat confirms that your system is always running and healthy.

Available Alerts

LOCKER STATUS
Reports the status of all lockers (Open, Closed, Full, Empty, Assigned, Unassigned).

DOOR OPEN ALERTS
Reports if a locker door is left open after the transaction is completed.

ABANDONED ARTICLE ALERT
Reports if an item has been left in a locker beyond a specific time frame.

USAGE REPORTS
Details the interactions that have been made with the smart locker system.

MzeroManage also includes a wide variety of additional alerts to keep administrators informed.

ABOUT MERIDIAN

Meridian is a self-service industry pioneer, leading in innovation and precision since being founded in 1999. A fully integrated manufacturer, Meridian designs, engineers, fabricates, assembles, deploys and supports self-service solutions from our 13-acre headquarters in North Carolina. Meridian is an ISO 9001:2015 certified company and UL self-certify facility. With all processes, from software development, to powder coating, to quality control completed in-house, we proudly offer American-made interactive kiosks to a global marketplace.

AR ADVANTAGE ™
INTERNAT ONAL REGISTRAR
ISO 9001 2015 Registered QMS

DESIGN + ENGINEERING

Meridian's designers create solutions that help clients address their market needs. Photo-realistic renderings are provided in the final stage of design for client approval.

FABRICATION

Meridian's in-house eco-friendly fabrication process includes cutting cold rolled steel using laser or turret punch technology, bending the parts, welding, finishing and powder coating.

ASSEMBLY + INTEGRATION

Each component of the solution is assembled and inspected before graphics application and software integration.

STAGING + DEPLOYMENT

Units are cleaned, inspected, wrapped and packaged at our facility before heading to the final destination. Meridian offers consultation services to help create an action plan for their kiosk deployment.

QUALITY

Quality is one of our top priorities. Our processes are ISO 9001:2015 certified and our products are designed to UL listing safety standards.

SCALABILITY

With three facility expansions over the past ten years, we now have more room than ever for large scale deployments.

OVERSIGHT

Our experienced support team is prepared to address any hardware or software challenges that may arise.

EFFICIENCY

We are able to deliver our solutions in short time frames, helping customers maintain and grow their self-service deployments as their demand grows.

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DESIGNING YOUR LOCKER CONFIGURATION

YOUR LOCKER CONFIGURATION

Utilize the charts (shown right) to fill in the blank configurator below. Only complete the fields for the number of colums needed. Please references the figures shown below for examples.

COLUMN 1	COLUMN 2	COLUMN 3	COLUMN 4

SAMPLE CONFIGURATIONS

COLUMN 1	COLUMN 2	COLUMN 3	COLUMN 4
EL	F	—	—

COLUMN 1	COLUMN 2	COLUMN 3	COLUMN 4
B	SS	—	—

SINGLE COLUMN WITH SCREEN

Applicable to single column lockers only. Single column locker with screen is only available with small doors.

DESCRIPTION	CONFIGURATION LETTER
Single Column / Screen	A

DUAL COLUMN WITH SCREEN

Applicable to lockers with two or more columns. Column with screen will contain only small doors.

DESCRIPTION	DOOR SIZE (DOOR COLUMN)	CONFIGURATION LETTER
Dual Column / Screen Left	Small	B
Dual Column / Screen Left	Medium	C
Dual Column / Screen Left	Large	D
Dual Column / Screen Right	Small	E
Dual Column / Screen Right	Medium	F
Dual Column / Screen Right	Large	G

DESIGNING | YOUR LOCKER CONFIGURATION

DUAL ADD-ON COLUMNS

Applicable to lockers with four or more columns only.
Add-on columns would not include screens.

DESCRIPTION	LEFT COLUMN (DOOR COLUMN)	RIGHT COLUMN (DOOR COLUMN)	CONFIGURATION LETTER
Dual Column Small/Small	Small	Small	SS
Dual Column Small/Medium	Small	Medium	SM
Dual Column Small/Large	Small	Large	SL
Dual Column Small/Extra Large	Small	Extra Large	SE
Dual Column Medium/Small	Medium	Small	MS
Dual Column Medium/Medium	Medium	Medium	MM
Dual Column Medium/Large	Medium	Large	ML
Dual Column Medium/Extra Large	Medium	Extra Large	ME
Dual Column Large/Small	Large	Small	LS
Dual Column Large/Medium	Large	Medium	LM
Dual Column Large/Large	Large	Large	LL
Dual Column Large/Extra Large	Large	Extra Large	LE
Dual Column Extra Large/Small	Extra Large	Small	ES
Dual Column Extra Large/Medium	Extra Large	Medium	EM
Dual Column Extra Large/Large	Extra Large	Large	EL
Dual Column Extra Large/Extra Large	Extra Large	Extra Large	EE