A charging solution for an excellent ROI

The challenge:
high costs due to lack
of device visibility

- ⚠ loss or shrinkage of devices
- ⚠ overstocking of backup devices
- ⚠ wasted payroll expenses
- ⚠ circulation of problematic devices
- ⚠ frequent returns and RMAs
- ⚠ reduced productivity

The solution:
Custom SCL ensures excellent ROI
with enhanced device management

- ✅ 1:1 self-service checkout
- ✅ accountability for devices
- ✅ only releasing charged devices
- ✅ flagging damaged devices
- ✅ providing actionable data on device status
- ✅ optimizing device utilization

Technical specifications

Smart Charge Locker	
Size (WxHxD)	39.5x196x45.9 cm
Small bay size (WxHxD)	15x15x35 cm
Medium bay size (WxHxD)	30x15x35 cm
Barcode reader	High Performance Scanning: QR Code, 1D, 2D Symbologies
RFID reader	MIFARE/NFC technology and 125/132 kHz and 13.56 MHz
Touch screen	15.6" touch screen monitor with high brightness PCAP technology
Connections	Optional Wi-Fi; Ethernet and 4G/5G modem
Manual key-operated unlocking system for storage bays	
Smoked polycarbonate fireproof and shatterproof door	

SMART CHARGE
LOCKER

The ideal partner for your workforce

CUSTOM

How to improve your operational ROI

Smart Charge Locker (SCL) is a solution designed based on operational needs to improve the **management** and **control** of all **digital devices** across **logistics and retail areas**, providing real-time information to **IT**, **production**, and **logistics managers**, thereby reducing management costs.

- The devices are always available, tracked and ready to use
- Reduction of over 50% of failures, incidents and losses
- SCL is a universal multi-brand system. Devices can be changed, but the locker will always be ready and operational.
- Automated collection and return process collection and return process
- After-Sales Service: Streamlined device RMA process with real-time fault report functionality
- Instant Inventory: SCL monitors the status and creates a detailed log of each device in the locker
- Optimized management of operational staff
- Real-time analytics and reporting
- Hardware and software customisation, to meet the needs of individual business operations
- Energy efficient

Features

Monitoring
SCL **manages and monitors** the collection and return of devices based on the users' credentials; such as job role, location or scheduled task.

Charging
While stored inside the locker, the **devices are charged** ready for collection.

Recognition
To collect or return a device, the user can be **identified** with barcode and RFID technology or using a PIN code on the touchscreen.
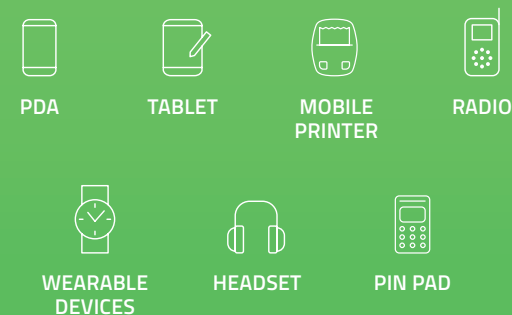
Maintenance
If the device due for return is broken or is faulty, the user can **enter a note/RMA via the touch screen** of the Smart Charge Locker. The system will send an e-mail notification to the relevant IT department or service desk.
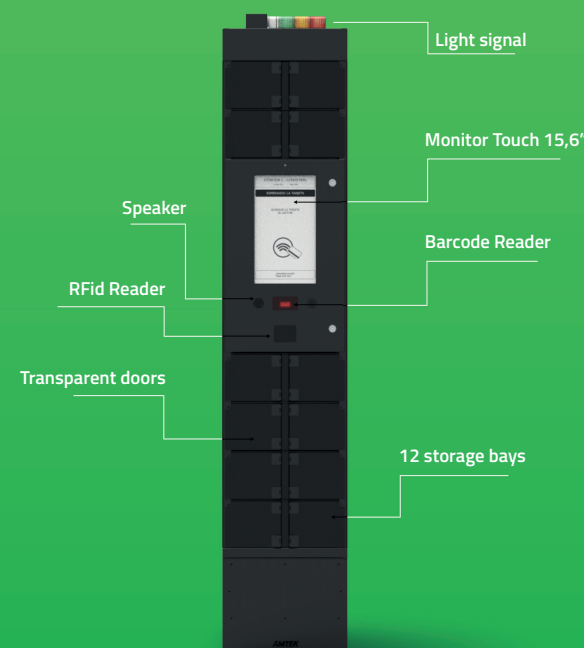

MARKETS

RETAIL	TRANSPORT AND LOGISTICS	GOV & LOCAL GOV
POSTAL	MANUFACTURING	WAREHOUSING
FIELDFORCE	HEALTHCARE	

DEVICE

PDA	TABLET	MOBILE PRINTER	RADIO
WEARABLE DEVICES	HEADSET	PIN PAD	

RECHARGE LOCKER MASTER

- Light signal
- Monitor Touch 15,6"
- Speaker
- Barcode Reader
- RFid Reader
- Transparent doors
- 12 storage bays

Software

Front End - User Interface

Access control with different features according to the user level: operator, supervisor, admin.
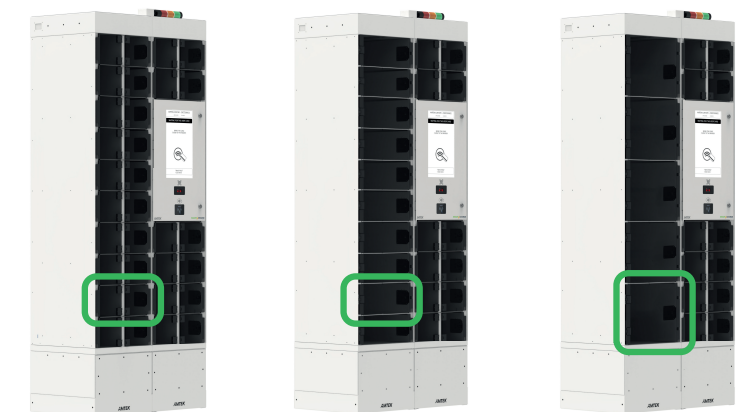
Quick and easy: on average, 8 seconds for pick-up, 15 seconds for return.

It can also operate in **stand-alone mode** (without connection to the SCL Management Portal).

Real-time tracking of the device: used by an authorised user or inside the SCL.

The user interface guides the user throughout the collection and return processes via visual and audio alerts.

Monitoring and diagnostics of hardware components: electro-locks, CPUs, charging boards, status LEDs.

SMALL SIZE BAYS   MEDIUM SIZE BAYS   LARGE SIZE BAYS

SCL Management Portal

Different user levels can be defined: operator, supervisor, admin.

System notifications to different user groups.

LOG/history logs of:
- date/time
- user ID
- device ID
- type of event (collection, return, return with issue, login, system failure, locker initial loading, history log, SCL Portal changes, etc.)

System **SetUp**:
- minimum charging time
- maximum charging time
- maximum device usage time
- door LEDs
- traffic light

Locker status:
- devices OK
- devices NOT OK
- devices on charge
- devices in use