CILICO®

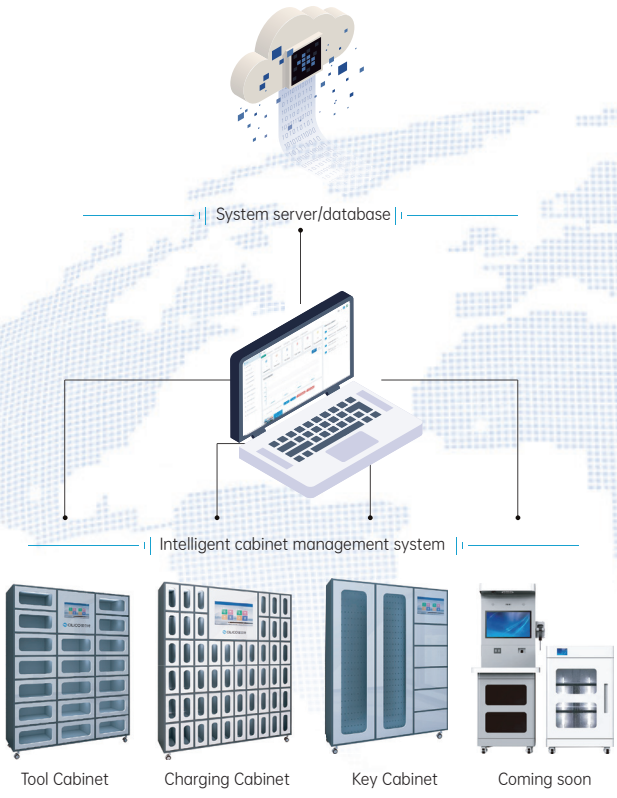
RFID Mobile Computer Expert

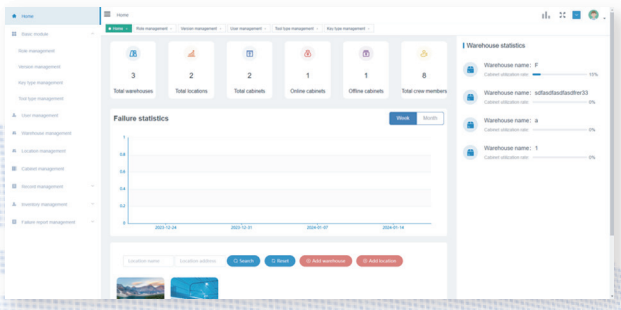
Intelligent Cabinets

CILICO Material Lean Management Solution

Intelligent Cabinets Products

- Improve Efficiencies, Workflows and Asset Security with CILICO whole solution.
- Accelerate business in retail, warehouse, transportation, logistics and healthcare operations.





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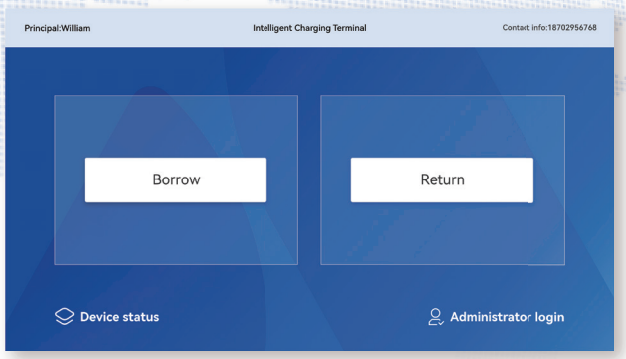

CLIENT

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Intelligent Cabinets Specifications

Cabinet Type	Charging Cabinet	RFID Tool Cabinet	Key Cabinet
Physical Image			
Appearance			
Dimensions (HxWxD)	1895mm*1650mm*450mm	2031mm*1100mm*554mm	1750mm*1400mm*350mm
Capacity	52 lockers	5 layers single layer bearing capacity ≦ 50kg	120 keyhole, 5-layer drawers (single drawer bearing capacity ≦ 20kg)
Material	steel plate, with transparent windows	steel plate, with transparent windows	steel plate, with transparent windows
Notes:	The size and number of lockers can be customized.	UHF RFID antenna for each layer RFID reader *1 (8-Channel)	Equipped with HF RFID, electronic lock control, and indicator light
Control Unit			
Screen Size	15.6 inches, capacitive touch screen	14 inches, capacitive touch screen	15.6 inches, capacitive touch screen
Resolution	1920*1080 dpi	1920*1080 dpi	1920*1080 dpi
Operation System	Android 7/11	Android 7/11	Android 9/11
Memory	4G RAM + 32G ROM	4G RAM + 32G ROM	4G RAM + 32G ROM
Power	Charging for device: 5V/12V, Type-C (interface can be customized)		
	Cabinet power input: Single-phase AC 220V, 50Hz, grounded, rated power: > 3000W	Cabinet power input: Single-phase AC 220V, 50Hz, grounded, rated power: > 5000W	Cabinet power input: Single-phase AC 220V, 50Hz, grounded
Security	PIN access	PIN access	PIN access
	HF RFID	HF RFID	HF RFID
	FACE Recognition (Stereo Camera)	FACE Recognition (Stereo Camera)	FACE Recognition (Stereo Camera)
	Fingerprint (optional)	Fingerprint (optional)	Fingerprint (optional)
	Barcode scanning (optional)	Barcode scanning (optional)	Barcode scanning (optional)
Software			
Management Platform	CILICO Intelligent Cabinet Management System		
Server	Support public cloud and on-premises deployment		
Client	Charging Cabinet App	RFID Tool Cabinet App	Key Cabinet App
Features & Functions			
Features:	Locker sharing management (52 lockers manage much more than 52 devices)	Sharing management (managed tools more than the capacity of the cabinet)	Keyhole sharing management (120 keyhole manage 300-400 keys)
	Partition management (for charging different devices)	Heat dissipation and leakage protection function	Multiple permission verification
	Multiple access methods	Multiple access methods	Multiple access methods
	Physical unlocking ensures network and power outage operation	Smoke alarm	Closed-loop traceability management (with RFID tags)
	Support to connect with third-party system	Support to connect with third-party system	Voice and indicator light guidance
Functions:	Devies charging status and in place detection	Intelligent inventory	Intelligent inventory
	Device borrow and return management	Tool borrow and return management	Key borrow and return management
	Personnel management	Personnel management	In place detection
	Permissions management	Permissions management	Personnel management
	Cabinet management (different places)	Cabinet management (different places)	Permission management
	Device damage management	Tool damage management	Key damage management
	Statistics and ledger	Statistics and ledger	Statistics and ledger

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Application Scenarios

Intelligent Cabinets

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