

Cloud vs On-Premise Smart Locker Software

Choose the right management architecture for security and scale

Designed for

IT departments, property groups, hospitals, banks, campuses and regulated organizations.

ERGO Hong Kong

Practical guidance for secure, scalable and user-friendly smart locker procurement.

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How to Use This Guide

Smart locker software may be hosted in the cloud, installed on the customer network, or deployed as a local standalone system. The right choice depends on cybersecurity policy, connectivity, multi-site requirements, support model and integration scope.

Quick Procurement Checklist

1	Confirm whether the locker can connect to the internet or only the local network.
2	Define data ownership, location and retention requirements.
3	Identify multi-site administration and remote-support needs.
4	Review identity, API and notification integrations.
5	Plan offline operation, backup, updates and cybersecurity responsibility.

1. Architecture Comparison

Cloud-managed	Multi-site visibility and remote administration	Data policy and internet dependency
On-premise server	Controlled enterprise network environments	Customer IT ownership and maintenance
Local locker PC	Standalone or isolated deployments	Limited remote visibility
Hybrid	Local operation with central synchronization	More integration complexity

2. Questions for IT Teams

- Where is user and transaction data stored?
- Which ports, protocols and certificates are required?
- Can the locker operate during network outage?
- How are updates, backups and logs managed?
- Who is responsible for cybersecurity monitoring?
- Can the system integrate with directory, HR, visitor or ticketing platforms?

3. Procurement Tip

Avoid assuming cloud is automatically better. Some customers require local-network-only administration, while others need multi-site remote control. Match the architecture to policy and operations.

Relevant ERGO Hong Kong Pages

Use these pages to compare platforms, applications and customization options.

Smart Locker Systems Overview of secure intelligent locker platforms.	View online
Smart Locker Collection Browse RFID, PIN, biometric and app-access locker options.	View online
Custom Smart Lockers Custom sizes, compartment layouts and workflows.	View online
Smart Locker Infrastructure Software, network and management platform considerations.	View online
Smart Locker Infrastructure Locker management and network integration overview.	View online
Smart Locker Systems Smart locker platform applications.	View online

Need help choosing a configuration?

Share your use case, number of users, device or item dimensions, workflow, access method, location and integration requirements. Our Hong Kong solutions team can recommend a suitable configuration.

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Important Note

This guide supports preliminary selection only. Final suitability depends on exact dimensions, user workflow, site conditions, network policy, safety requirements and integration scope. Confirm specifications and availability before ordering.