

Vento HID Access Control

Smart access control

A complete access control solution: manage doors, elevators and parking by person, time window and zone. High security. Flexible scaling. Centralized operation.

Why Vento HID

Open platform

Compatible with a wide range of HID and third-party hardware. No vendor lock-in.

Fast deployment

From 1 door to thousands of control points. Configured in hours.

Enterprise security

End-to-end encryption, OSDP v2 Secure Channel, international standards compliance.

Cost-optimized

No complex license fees. No long-term lock-in. Invest once, scale gradually.

Built for your industry

OFFICE & BUILDINGS

Multi-tenant office towers

Permissions by floor and tenant company. Each tenant manages its own staff; reception handles visitors.

- ✓ Zoning by floor / tenant
- ✓ Elevator destination control
- ✓ Visitor QR check-in at lobby

FACTORY & WAREHOUSE

Manufacturing & logistics

Control hazardous zones, restrict by work shift and the safety certifications each worker holds.

- ✓ Access limited by shift / time window
- ✓ Anti-passback in production areas
- ✓ Logs for ISO / safety audits

HOSPITAL & HEALTHCARE

Hospitals & clinics

Protect sensitive areas like drug stores, operating rooms and patient wards with precise role-based access.

- ✓ Restricted pharmacy & OR
- ✓ Role-based clinical permissions
- ✓ 24/7 access audit trail

DATA CENTER & HIGH-SECURITY

Data centers

Multi-layer authentication (card + PIN + mobile) for server rooms. Zero-trust at every access point.

- ✓ Multi-factor authentication (MFA)
- ✓ Man-trap & interlock doors
- ✓ Real-time intrusion alerts

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Authentication methods

HID iCLASS Seos cards (clone-resistant)

HID Mobile Access — NFC / Bluetooth

PIN & QR codes for visitors

License plate recognition (LPR)

Fingerprint / face (optional)

Deployment models

Cloud (SaaS)

No server investment. MSTAR operates the infrastructure. Ideal for fast rollouts.

- ✓ No on-site server
- ✓ Automatic updates
- ✓ Access from anywhere

On-premise

Server hosted at your site. Full data control. Ideal for high-security organizations.

- ✓ Windows Server or Linux (Docker)
- ✓ PostgreSQL database
- ✓ Full data ownership

Hybrid

Cloud plus on-premise. Sensitive data stays local, centralized management in the cloud.

- ✓ Sensitive data stays on-site
- ✓ Centralized cloud management
- ✓ Flexible per site

Ecosystem integration

Vento HID connects directly to your existing infrastructure:

CCTV cameras

Alarm & building automation

Elevator control

Time & attendance / HR

Active Directory / LDAP

Open REST API

Talk to us / book a demo

MSTAR SYSTEMS engineers are ready to survey your site, design the right configuration and demo the solution live. Reach us at duc.nguyen@mstarsystems.vn or mstarsystems.vn.