

## DESCRIPTION



### **VAULT ENTERPRISE:** **Secure Access Control for Today's Businesses**

Unifying Security and Efficiency Across Your Organization.

VAULT ENTERPRISE delivers a robust access control solution designed to meet the security needs of organizations of all sizes. In today's globalized environment, our platform empowers multi-site businesses with centralized control, optimizing operational costs and leveraging expertise from a single location.

### **Unparalleled Accessibility and Scalability**

VAULT ENTERPRISE offers unmatched mobility through its web-based platform. Access your system from any authorized device, including desktops, laptops, and smartphones, via a secure internet or intranet connection. This solution boasts an open architecture, enabling seamless integration with various existing systems through SDKs, metadata, or databanks.

### **VAULT ENTERPRISE: Scalable Access Control for Multi-Site Security**

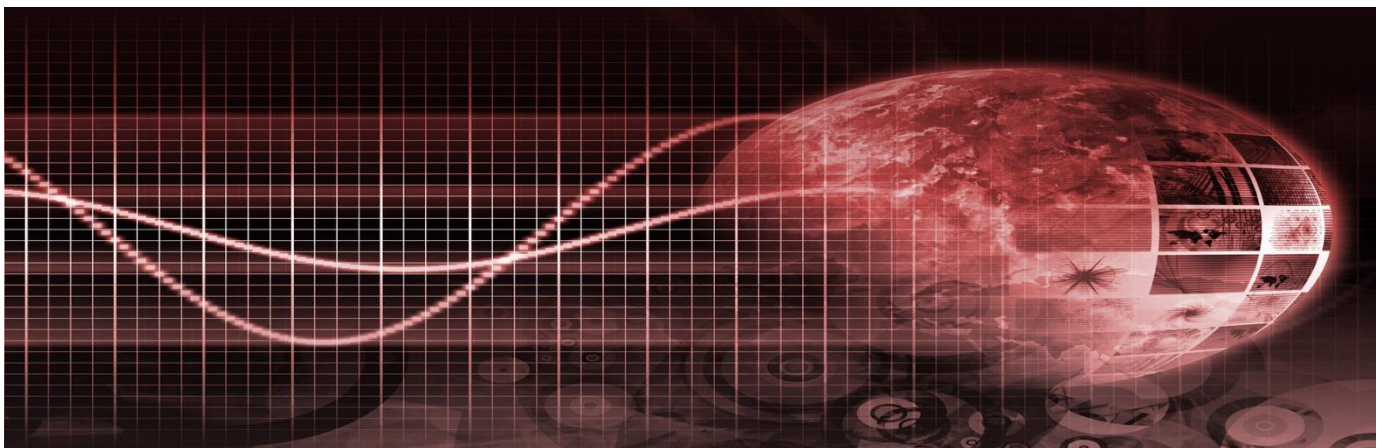
VAULT ENTERPRISE offers a comprehensive access control solution designed for geographically dispersed organizations. This two-tier architecture ensures robust security and centralized management.

### **VAULT ENTERPRISE SITE**

- Local software module for access control servers.
- Integrates with various security systems like CCTV, elevators, alarms, fire detection, and visitor management.
- Manages site controllers (doors, gates, turnstiles) based on defined business rules.
- Offline Operation: Ensures continued access even during server downtime, with data synchronized upon reconnection.

### **VAULT ENTERPRISE CENTRAL**

- Centralized management platform for all VAULT ENTERPRISE SITE deployments.
- Granular control over access privileges and reporting across all sites.
- Consolidates access data from all sites into a secure central database.
- **Scalability:** Manages large-scale systems efficiently with high data integrity.
- **Additional Features:** Provides web-based visitor pre-registration and data segmentation capabilities.



**VAULT ENTERPRISE:**  
**Unleash the Power of Unified Access Control**

**Centralized or Local Control**

Gain flexibility with the ability to manage access from individual sites or a central hub.

**Drastically Reduced Costs**

Guarantees drastic security operational costs reduction, efficient auditing, as well as process enhancement and immediate response in case of events.

**Unmatched Scalability**

Effortlessly scale from single-site deployments to global operations with hundreds or thousands of access points.

**Seamless Integration**

Integrate effortlessly with existing systems through an open architecture platform supporting SDKs, metadata, and data banks.

**Robust Security**

Ensure enterprise-grade security with global antipassback functionality even during server downtime.

**Pre-Built Integrations**

Simplify deployments with pre-integrated solutions for CCTV, LPR, ERP, HR, building automation, and more.

**Biometric Authentication**

Leverage the power of biometric technology with direct integration of select biometric solutions.

**Cost-Effective Infrastructure**

Utilize existing Ethernet infrastructure, minimizing additional cabling needs.

**Proven Stability & Security**

Benefit from a mature, IP-based system delivering exceptional performance and reliability.

**Wireless Flexibility**

Deploy wireless networks in locations where cable installation is impractical or expensive.

**Scalable Data Management**

Choose from MSDE, SQL Express, or SQL Server databases to ensure optimal performance for small or large deployments (consider adding an Oracle option).

**Real-Time Operations**

Experience near real-time data transfer with transaction pushing technology.

**Blazing-Fast Authentication**

Our patented search card algorithm delivers sub-second user authentication, even for massive user databases.

**Reduced Network Bandwidth**

Minimize network congestion with efficient encrypted communication.

**Peer-to-Peer Alarms**

Ensure prompt alarm notification through direct controller-to-controller communication.

**Single-Card Enterprise Access**

Simplify user access with a single card granting regional permissions across multiple locations.

**Granular User Privileges**

Assign role-based access for system operators and administrators, enabling regional or global control.

**Modular System Design**

Enhance functionality with optional add-ons like managerial clocking control, a guard tour system, fire center integration, and more.

**Powerful Visitor Management**

Streamline visitor registration with web pre-registration, photo capture, visitor belongings tracking, message delivery, name tag printing, and comprehensive reporting features.

**VAULT ENTERPRISE:**  
**Unmatched Scalability and Centralized Control**

**Segmented Database**

Maintain data privacy and enhance security with segmented databases.

**Open Architecture**

Integrate seamlessly with existing systems through pre-built connectors and an open API.

**Distributed Database Synchronization**

Ensure data consistency across geographically dispersed locations.

**Multi-Tier Server Support**

Manage access control for organizations of any size with multi-level, multi-site server capabilities.

**Autonomous Site Operation**

Empower regional control while maintaining centralized administration.

**VAULT ENTERPRISE SITE:**  
**Delivering Granular Control at Every Location**

**Extensive Functionality**

Control alarms, elevators, and access levels, download/upload data to controllers, configure multi-level antipassback, integrate fire systems, manage escape routes, and more - all from a programmable interface.

**Interactive Maps**

Visualize your access control infrastructure with interactive, multi-layered maps.

**Advanced Alarm Management**

Effectively respond to security events with alarm recognition and treatment features.

**Automated Door Schedules**

Define automated door access schedules for optimal security.

**Centralized Management**

Simplify operations with centralized user provisioning, reporting, and configuration.

**Customizable Reporting**

Gain valuable insights with flexible reporting tools and data import/export capabilities.

**Intuitive Web Interface**

Manage access control effortlessly with a user-friendly, multi-window graphic interface.

**Seamless Integration**

Achieve transparent integration with various systems like ERPs and HR through shared data banks

**Comprehensive Auditing**

Maintain complete accountability with a robust audit trail.

**Multi-Channel Communication**

Send notifications via email and SMS to designated personnel during security events.

**Versatile Card Management**

Support multiple card formats, facility codes, and user access levels. Issue temporary access, manage lost or stolen cards, track card activity, and enforce access control policies.

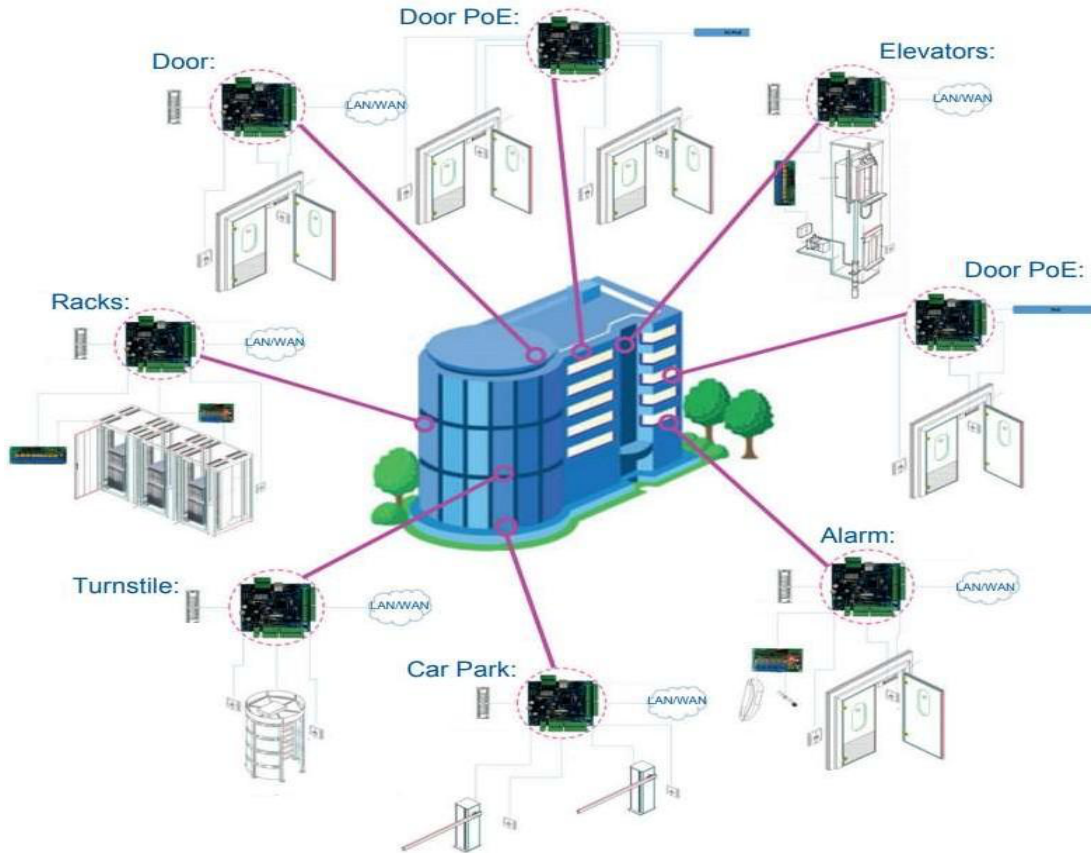
**Optional Modules**

Enhance security with optional add-ons like guard patrol systems, alarm monitoring, I/O control, multi-level locker control, and a visitor management system with pre-registration, photo capture, and visitor tracking functionalities.

**Automatic Visitor Card Deactivation**

Ensure temporary visitor access is automatically revoked upon departure.

**APPLICATIONS FOR THE USE OF THE VAULT ENTERPRISE SOFTWARE**



**MULTI-SITE ARCHITECTURE**

