

Monitoring and Management

L-Intelligent Access is management software for managing and monitoring access control. It is designed using the latest available technologies to meet most of the challenges of modern access control and software requirements. L-Intelligent Access delivers simple but versatile user interface, complete protection, cost efficient and can be customizable to satisfy end user's most demanding requirements.

Web Application

Designed with today's standard as web application, L-Intelligent Access user interface requires nothing but web browser to operate. It can be accessed from regular PC workstation, laptop, smartphone and tablet running on top of various operating systems and platforms.

As a web application running on a server, maintenance and upgrade to L-Intelligent Access is nothing more than updating software on the server itself. Regardless of device type and location, every operator will receive update automatically when L-Intelligent Access server is updated.

Standardized, Powerful and Cost Effective

L-Intelligent Access server runs on Microsoft Windows Server (2003, 2008, 2012, 2016, 2019) and Microsoft Windows 7, 8 and 10. It supports both 32-bit and 64-bit version of the Operating System.

Based on user's preferences, L-Intelligent Access can be run on several database engines: Microsoft SQL Server and Express, Oracle database and PostgreSQL database.

L-Intelligent Access is designed to support virtualization. It supports several major hypervisors such as VMWare, Microsoft Hyper-V, Oracle Virtualbox, Linux KVM and XEN.

Reliable and Efficient Hardware

L-Intelligent Access capable of managing networked access control VertX®, Aero® and Edge® hardware by HID Global.

Scalable

L-Intelligent Access provides unlimited scalability from an entry-level single door solution to enterprise level solution with many facilities and thousands of readers across the continent and around the world.

The software is designed without limitation; it will support unlimited number of readers, unlimited points, unlimited credential holders and credentials. L-Intelligent Access scalability is only limited by business license, the physical limitation of the hardware, the operating system and the database where it runs.

- Supported Hardwares: HID VertX® V1000 (V100, V200 & V300), HID VertX® V2000, HID Aero® X1100 (X100, X200 & X300) & HID EDGE EVO®



- Supported database engines: Microsoft SQL Server & Express, Oracle Database & PostgreSQL Database
- Supports Microsoft Windows Server 2003, 2008, 2012, 2016, 2019 and Windows 7, 8 and 10 both 32-bit and 64-bit version
- Virtualization support for multiple hypervisors: VMWare, Microsoft Hyper-V, Linux KVM & XEN
- High Availability Server supports when running on virtualization
- Web application with single unified user interface using web browsers. Supported web browsers: Internet Explorer, Firefox, Chrome, Opera, Safari and multiple mobile browsers: Safari mobile, Android native browser, Chrome mobile, Opera mobile and Internet Explorer mobile
- Basic Access Control Features: Schedule & Holiday, Reader & Reader Group, Access Level Management, Credential Holder & Group, Credential (Card & PIN). Biometric supports fingerprint and face recognition
- Advanced Access Control Features: Area Management, Global Real & Timed anti-passback, Multiroles & Multiperson Access, Elevator Control, Global I/O Event Monitoring & Linkage, Area occupancy & Mustering
- Currently supports high level destination (smart) elevator system: KONE DCS, Schindler PORT, Otis COMPASS, Mitsubishi DOAS, Fujitec DFGS, ThyssenKrupp DSC
- Supports HID Mobile ID, KIOSK, smart dropbox & custom LCD Display. Both dropbox and LCD display can trigger different actions on Grant Access and Deny Access
- Built-in reports tools, filters and exports: Event History, Audit Log and basic Time Attendance

Advanced Access Control Features

L-Intelligent Access provides many built-in advanced access control features:

- **Area management**

Allows administrator to configure entry area and exit area for every credential readers in the system. With proper area configuration, L-Intelligent Access can support advanced features that require defined areas such as: anti-passback, multi-person access control and area occupancy.

- **Global Real & Timed anti-passback**

Real anti-passback is a security mechanism preventing a credential being used to enter an area more than one time without first leaving it. Timed anti-passback is a security mechanism preventing a credential being used to enter the same area again within a specified time interval. Global means the anti-passback mechanism will work across multiple credential readers in the system.

- **Multi-person access control**

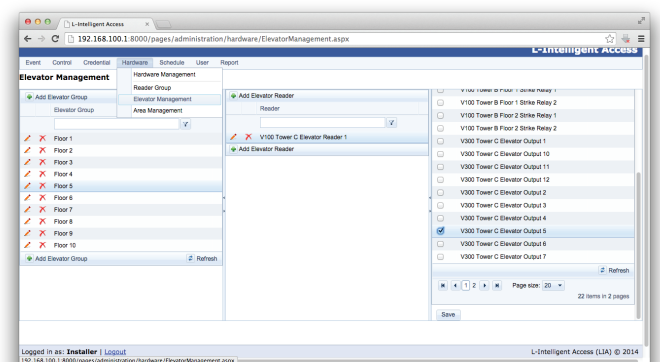
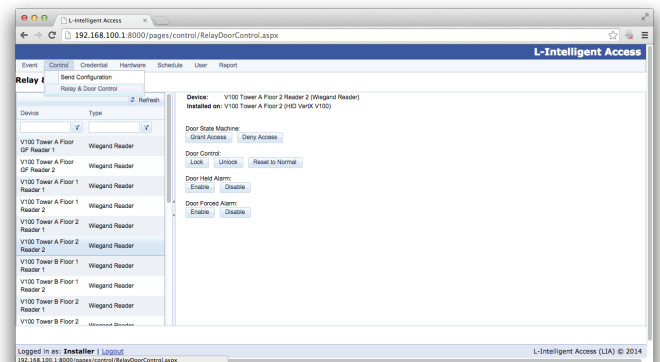
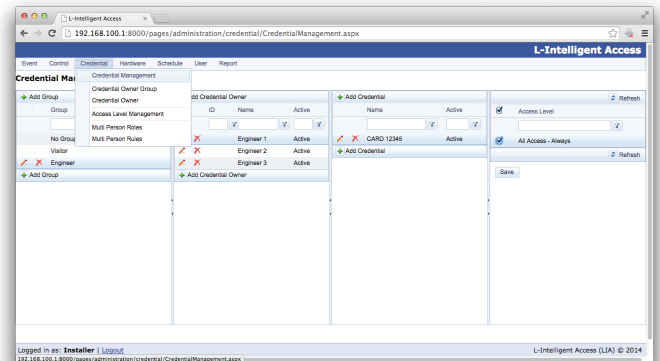
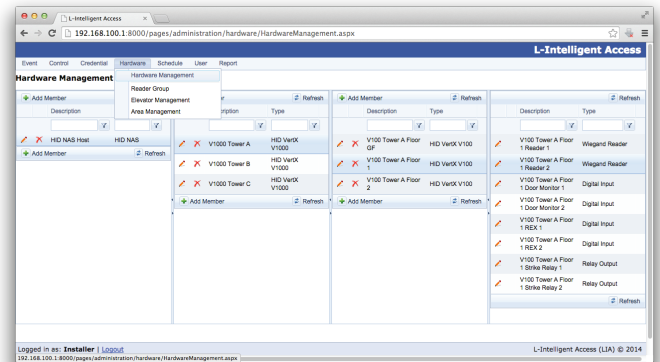
Allows administrator to create high-security areas that require from two (2) up to eight (8) different credential holders to be present in order to gain entry.

- **Elevator control**

Elevator control is typically used in high-rise condominium, apartment, office building and hotel applications. L-Intelligent Access enables administrators to restrict which floor a credential has access to via elevator.

- **Global I/O Event monitoring and linkage**

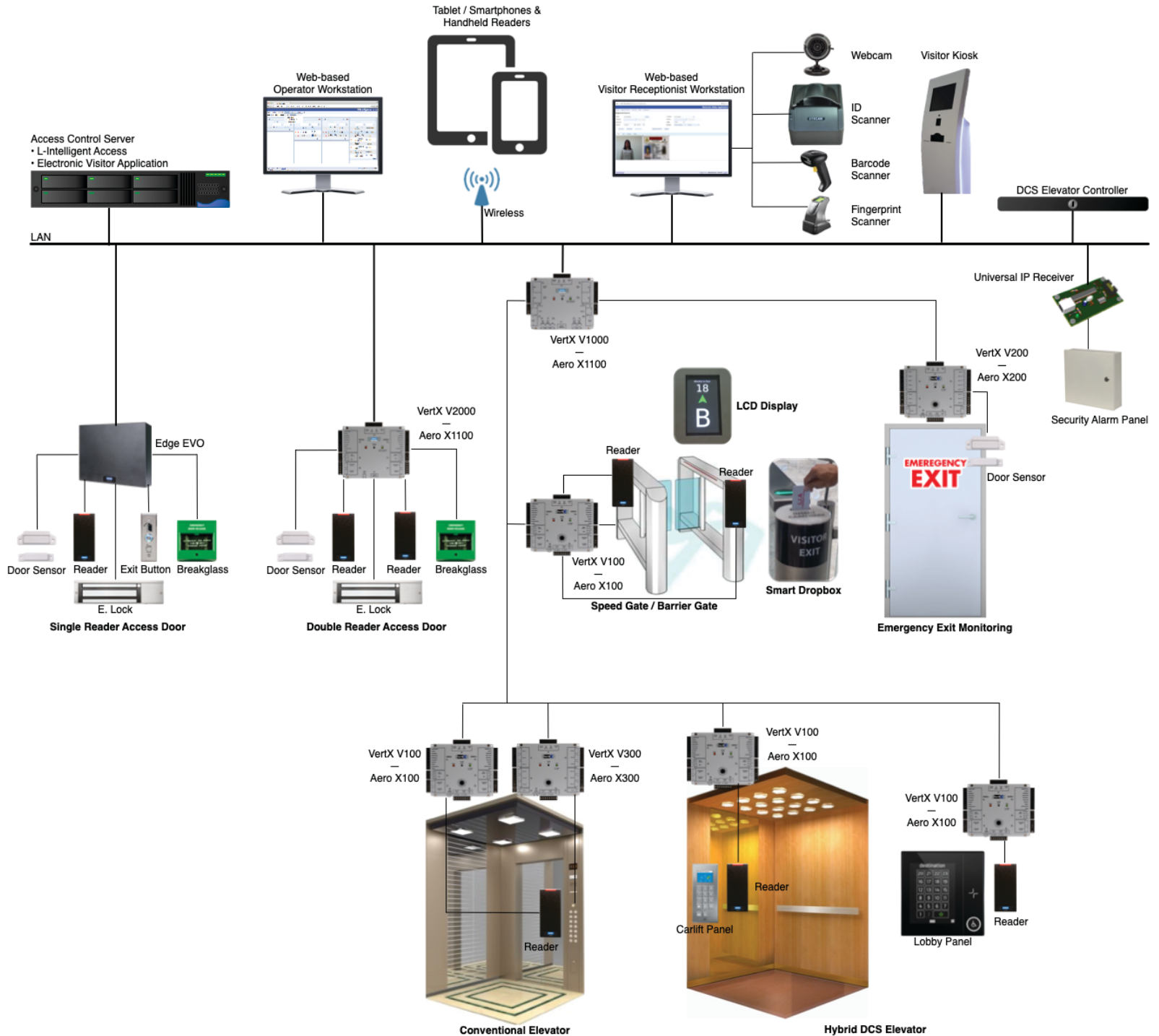
L-Intelligent Access software allows operators to monitor any input, output and event from every controllers in the system. The software also allows administrators and system configurators to create linkage rules from every input, output and event in the system to trigger defined actions.



Connectivity Diagram

This connectivity diagram represents various common access control configuration currently supported by L-Intelligent Access.

L-Intelligent Access can also be integrated with other Electronic Security System equipments such as CCTV System through L-Visual Integration Platform



Recommended Server Specification

Small

- Processor: Intel® Core™ i3 Processor 2.00 GHz or higher
- System Memory (RAM): 4GB or higher
- Operating System: Windows 7 64-bit
- Hard Drives: 500GB or larger

Medium

- Processor: Intel® Core™ i5 Processor 2.00 GHz or higher
- System Memory (RAM): 8GB or higher
- Operating System: Windows Server 64-bit
- Hard Drives: 1TB or larger

Large

- Processor: Intel® Xeon® E5 or E7 Processor 3.00 GHz or higher
- System Memory (RAM): 16GB or higher
- Operating System: Windows Server 64-bit
- Hard Drives: 2TB or larger (RAID array recommended for database)
- High Availability Server configuration recommended

HID Networked Access Control Solution

