Access Portal
V5

- **Scalable:** unrivalled flexibility with one solution
- **Customisable:** tailor the system to your specific needs
- **Flexible:** integrates with a host of 3rd party products

Trusted Technology in one package

WHO SHOULD USE ACCESS PORTAL?

Access Portal is best suited to systems greater than 100 doors. With a diverse range of biometric integrations, Access Portal is sure to meet your requirements.

PRODUCT BENEFITS:

User Interface and Accessibility:
- Customize user categories, details & fields
- Web-based user interface
- Personalised dashboard

Security Features:
- Anti-passback doors
- Database Encryption
- Threat level actions
- Biometric, wireless & electric lock Integrations
- Hosted Visitor

Installation and Setup:
- Auto-Install simplicity
- Regular software upgrades

Reporting and Analytics:
- Customisable scheduled reports

Automation and Integration:
- Automations
- Time & Event triggered actions
- API for 3rd party hardware and software integrations

Access Portal provides you with all the capacity you will ever require and exceptional control in a system that is simple to configure through a web browser.

The large feature set makes it one of the most flexible systems available and everything you need to manage and control your premises is quickly accessible within Access Portal.

Along with user-intuitive processes & auto-hardware identification, the configuration and commissioning of Access Portal can quickly be achieved, no matter the size of your operation.

The web-based solution eliminates software deployment to the many client machines. With the implementation of widgets, operator security and presets, Access Portal is able to provide secure and ease of use and control into the user interface.

Access Portal includes support for the databse encryption that can be configured on the SQL Server installation. Impro Support can assist with detail on SQL Server encryption and configuration. Impro Support can assist with details on SQL Server encryption & configuration.

The ability to schedule the dissemination of access reports via email allows for greater control over your site, with streamlined monitoring and management.

The automated suspension of unused tags and deletion of expired credentials is a great solution to the threat of unattended and unused credentials. This automation removes these threats without requiring ongoing monitoring and administration.

Access Portal is tiered to suit your needs with a range of options and upgrade paths. The API facilitates a variety of integrations with both hardware and software.

Key Integrations:

- Biometric Integrations with: Idemia, Control iD, HID, Suprema & Hikvision
- Distributed Controller with Aperio RS-485 hub
- Distributed Controller-EL with Assa Abloy Electric Locks
- Enterprise Controller with Aperio IP hub
- Assa Abloy Aperio wireless readers & electric locks
- Nedap long range reader support
- Milestone CCTV
- HID Mobile Access
- 3rd party Visitor Management
- 3rd party Time & Attendance

ACCESS CONTROL

Tiers & Features
Access Portal V5

	Tiers					
Access Portal Item Code	System			Site		API
	Sites	Doors	Credentials	Doors	Credentials	
SLP935	25	200	250 000	200	10 000	Included
SLP940	250	500	250 000	500	35 000	Included
SLP945	250	1 000	250 000	1 000	50 000	Included
SLP950	250	1 500	250 000	1 500	75 000	Included
SLP955	250	2 000	250 000	2 000	100 000	Included
SLP960	250	2 500	250 000	2 500	250 000	Included
SLP965	250	5 000	500 000	5 000	500 000	Included
SLP970	250	10 000	1 000 000	10 000	1 000 000	Included

Features

Reporting and Monitoring
Comprehensive reporting and auditing
Insights into access patterns, security incidents, and operational metrics.
Scheduled Reports
Stay informed with regular updates on employee metrics, access activity, and security incidents
Personalised Dashboard
Real-time insights with customizable live monitoring widgets.
Messaging features
Smooth communication among operators and stakeholders.

Security Management
Operator Security Profiles
Customize security profiles for operators, ensuring precise access based on roles, enhancing accountability.
Site and Door Access Permissions
Control premises access with detailed permissions for sites and doors.
Access Maintenance
Effective enforcement of security policies and routine maintenance tasks.

System Setup and Integration
Accelerated setup and onboarding
Batch Operations: Simultaneously manage multiple users, permissions, or devices.
CSV Import: Easily migrate and provision user data.
Virtual Hardware: Swift setup without physical devices, seamless integration.
Integration Tools and APIs
Seamlessly integrate with existing security systems and business applications.

Translations and Regional Support
Multilingual support for diverse global audiences.
Database Security
Ensure data integrity with SQL support and encryption.
Diagnostics Tools
Prompt detection and resolution of system issues.

Access Control Features
Zoning and Routing
Organize facilities efficiently with zoning capabilities.
Door Modes and Event Mapping
Adaptive door behaviour and triggered responses for enhanced security.
Categories and Customizations
Tailor access control categories and fields to specific requirements.
Card Design and Printing
Simplified card management with in-software design and printing.

Enhanced Security Measures
Biometric Authentication
Enhanced security with facial, fingerprint, and hand recognition.
Mobile Credentials
Access via smartphones for heightened security and convenience.
Threat Level Management
Real-time adjustment of security measures in response to threats.
Duress Codes
Activation of alarms discreetly in emergency situations.

Visitor and Workforce Management
Dual Tag Authentication
Enhanced security with dual tag authentication and visitor management. capabilities.
Guard Tour
Efficient security patrols and monitoring activities.

Site Management and Operations
Site Management
Efficient management of multiple sites from a centralized platform.
Elevator Control
Seamless management of elevator access permissions.
Suspension Facilities
Temporary suspension of access privileges as needed.

Additional Features
Wireless Readers and Locks
Flexible access control solutions without extensive wiring.
Flexible Architecture Support
Adaptable controllers for scalability and third-party integration.
Ensure security with anti-pass back and interlocking doors.

Limits
Access Portal V5

Level Applied	Category	APC Max	EC Max*	Demo mode	SLP915	SLP930	SLP935	SLP940	SLP945	SLP950	SLP955	SLP960	SLP965	SLP970
		Firmware Limits			**Legacy/EOL**		**Portal V5**							
Per System	**Sites**			1	1	1	25	250	250	250	250	250	250	250
	Credential holders			10	1000	1000	125000	125000	250000	250000	250000	250000	500000	1000000
	Credentials			10	1000	3000	250000	250000	250000	250000	250000	250000	500000	1000000
	Access Groups			5	50	100	125000	125000	125000	125000	125000	125000	250000	500000
	Controllers			1	30	100	200	250	250	500	500	750	1000	1000
	Doors			2	30	100	200	500	1000	1500	2000	2500	5000	10000
	User Logins			1	2	2	unlimited	unlimited	unlimited	unlimited	unlimited	unlimited	unlimited	unlimited
	Expiry Reasons	30	30						30					
	API bundled	N/A	N/A	No	No	No	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Per Site	Credential holders	10000		10	1000	1000	5000	10000	10000	10000	10000	10000	10000	10000
			1,000,000					/35000	/50000	/75000	/100000	/250000	/500000	/1000000
	Credentials	**10000**		**10**	**1000**	**3000**	**10000**	**10000**	**10000**	**10000**	**10000**	**10000**	**10000**	**10000**
			1,000,000					**/35000**	**/50000**	**/75000**	**/100000**	**/250000**	**/500000**	**/1000000**
	Access Groups	10000	10000	5	50	100	5000	10000	10000	10000	10000	10000	10000	10000
	Controllers	200	200	1	30	100	200	200	200	200	200	200	200	200
	Common Zones	64	64	1	30	64	64	64	64	64	64	64	64	64
	Zones	64	64	1	30	100	200	500	1000	1500	2000	2500	5000	10000
	Doors	64	64	2	30	100	200	500	1000	1500	2000	2500	5000	10000
	Time Triggered Actions	512	512	1	30	100	200	500	1000	1500	2000	2500	5000	10000
	Holidays	64	64	1					60					
	Access Time Patterns	128	128	2					128					
	Device Time Patterns	250	250	1					250					
	Lifts	N/A	N/A	1					50					
	Floors per lift	N/A	N/A	2					100					
	Long Messages	200	200	200					200					
	Visitor Follow Me	N/A	N/A	50					50					
Per Credential Holder	Credentials	10000	1000000	2					25					
	Access Groups	25	255	2					25/100*					
	Expiry Reasons	10	10	10					10					
Per Controller	Zones	64	64	64					64					
	Doors	64	64	64					64					
	Readers	64	64	64					64					
	Modes	64	64	64					64					
	Event-action combinations	8000	8000	8000					8000					
	Associated outputs	512	512	512					512					
	Associated inputs	512	512	512					512					
Per Common Zone	Zones	32	32	32					32					
	Doors	64	64	64					64					
Per Door	Readers	3	3	2					2					
Per Reader	Door Mode Patterns	8	8	8					8					
Per Lift	Floors	N/A	N/A	2					100					
	I/O modules	13		13					13					
Per Floor	Inputs	20	20	20					20					
Per Access Group	Actions	10	20	10/20					10/20*					
	Entry Actions	5	10	5/10					5/10*					
	Exit Actions	5	10	5/10					5/10*					
Per Event	Actions	25	128	25/128					25/128*					
Expiry Reason		N/A	N/A	Yes					Yes					

*Higher limit when enterprise controller in use

Requirements Specifications
Access Portal V5

Hardware Minimum Requirements

Access Portal Server
Intel Xeon 3.2 GHz
Processor or Equivalent
4 Core CPU
16 GB RAM
120 GB available disk space
Virtual Server Environments Supported

Access Portal Client
Core i3 2.4GHz
8 GB RAM
10 GB available disk space
USB 2.0 Port(s) (if MDE Card reader and/or
Biometric Enrolment devices are used)

NOTE: These specifications can change depending on site scope and SQL database sizes.

Software Minimum Requirements

Access Portal Server
Microsoft Windows 7 Professional (Windows Server 2012 R2 or later recommended)
Microsoft SQL Server 2019 Express or later with Advanced Services
SQL Management Studio
Microsoft .NET (Included with Installer) Local administrator rights

Access Portal Client
Microsoft Windows 7 Professional or later (Windows 10 Professional recommended)
Compliant Browser (Google Chrome recommended)
Local administrator rights required when printing tags or utilizing USB tag and biometric enrolment devices

NOTE: You may use a compliant web browser on the same computer running the server application to connect to the Access Portal client. When connecting via a remote computer, see the network requirements section below.

Network Requirements

Communications
100Mbps Ethernet Network Interface (between Access Portal Hardware and Server/Clients) LAN, VPN and most properly configured WANs are supported.
Static IP addresses are required for all Access Portal components including the server.

Remote Client Connection
When using a remote client computer, you must be able to communicate with the server via IP address or DNS name on the assigned TCP Port (defaults listed below).

NOTE: When connecting over a WAN or Internet, you must setup your router to open and forward ports appropriately per the chart below. Dynamic DNS for internet connected clients is useful in cases where static IPs are not possible.

Network Ports
Access Portal utilizes both TCP and UDP protocols and requires the following ports be open:

Protocol	Ports	Connections	Configurable
TCP	443	SSL Client Web Interface	Yes
TCP	1433	Microsoft SQL Server	Yes
TCP	10010	API Interface	Yes
TCP	10500	Discovery Service	No
TCP	11010	IDEMIA biometrics	No
TCP	7332	Nitgen biometrics	Yes
TCP	51211/2	Suprema biometrics	No
TCP	1883/8883	HID Signo 25B	No
		Impro Biometric Reader	No
TCP	9999/8888	Aperio Hubs & Locks	No
TCP	80/82	Control ID Reader	Yes
TCP	80/8000	Hikvision Readers	Yes
TCP	82	HTTP Client Web interface	No
		API	No
UDP	10002	System Controllers	Yes
UDP	10008	IP Door Controllers	No
UDP	10022	Enterprise Controllers	Yes
UDP	10500	Discovery Service	No

NOTE: Additional network ports may be required for other integrations not listed here.