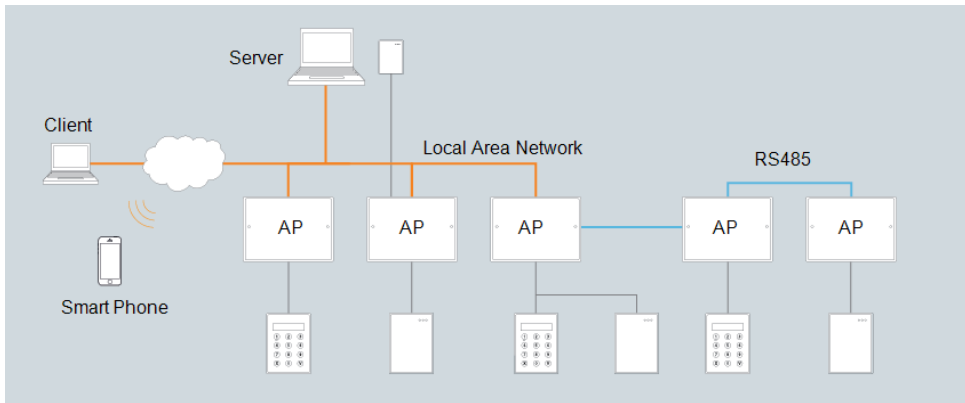# Aliro

Access Control

VANDERBILT

- ■ **Easy installation and administration**
- ■ **Generic hardware**
- ■ **Ethernet, LAN and/or RS485 communication**
- ■ **Comprehensive user interface supported by help files**
- ■ **Available in fifteen languages**

Aliro

Access Control

System overview

Features & Benefits

- Aliro benefits from a flat system architecture that is simply comprised of single door Access Points (AP), which create a networked access control system capable of up to 512 doors.

- Access Points (AP), with or without PSUs are mounted separately within a secured area, benefitting from the ability to be connected directly to the network or using existing wiring.

- Readers are mounted at the door, and connected via RS485, Clock/Data or Wiegand. The Access Point (AP) offers the ability to connect four readers (RS485 Siemens-OSDP) to be used for entry or exit and can be placed in different heights to accommodate for instance for wheelchairs or garage barriers.

- Aliro Access Points (AP) are quickly and easily networked via an Ethernet connection. With automatic device detection, the web interface automatically enables configuration of all the Access Points (AP) via a secure https internet connection and ensures IT administration is kept to a minimum.

- Our range of VR*/AR-series MIFARE® smart card readers have been designed specifically to work with Aliro, and offer superior security and protection with the latest DESFire® EV1 technology. They are wired using a secure RS485 protocol. With a light frame control, the reader enables the use of customisable colours and sequencing for different types of events.

- When a user is connected to their Aliro system via the web interface, or mobile app, they are able to view the system dashboard and status in real time, as well as access and analyse all past events.

- All events (entries and exits) are logged in the Access Point (AP), as well as on the web server.

- In the event of an emergency where a building has to be evacuated, the system roll call function can be used to provide accurate information, in the form of a muster report which produces a list of all personnel identified as being in a certain building or area.

- The personal code and/or group code allows for using a unique code that can allow entry into areas for specific periods of time, without the requirement for an access control card.

- Programming can be carried out simply and reliably using a device with a web browser connected to the internet.

- An Access Point (AP) can be configured to be an enrolment interface (connected to any reader), ensuring flexibility of card programming, and at the same time also controlling a door environment.

* Future range of readers

Technical Data

	Aliro			
System requirements for host computer		Minimum requirements	Recommended for up to 25 doors	Recommended for up to 100 doors	Recommended for more than 100 doors
	Processor	Intel® Core ™ i3 @ 1.8GHz or similar	Intel® Core ™ i5 @ 2.6GHz or similar	Intel® Core ™ i7 @ 2.6GHz with 4 cores or sim‐ilar	Intel® Core ™ i7 @ 3.4GHz with 6 cores, Intel ® Xenon® or sim‐ilar
	Memory	4GB	8GB*	8GB*	16GB*
	*Note: For 32-bit operating system only 4GB is used.				
Hard disk requirements	3.25 GB (Aliro, SQL, Silverlight)				
Prerequisites for host com‐puter	■ Microsoft .NET Framework, latest version ■ Microsoft Silverlight, latest version ■ Microsoft SQL Server (2008/2012) Aliro will automatically detect and install as required. **Note:** For access control systems which support more than 100 APs, or in which the overall memory exceeds 10GB, the server operating system is recommended. It is recommended to install an SQL server which holds more data than the SQL Express server.				
Operating systems host computer	■ Windows 7 SP1 32-bit, supports max 4 GB memory ■ Windows 7 SP1 64-bit ■ Windows 8.1 32-bit, supports max 4 GB memory ■ Windows 8.1 64-bit ■ Windows Server 2008 SP2 (or later) ■ Windows Server 2008 R2 SP1 (or later) ■ Windows Server 2012 ■ Windows Server 2012 R2				
System requirements for client computer	Processsor 1,4 GHz 2GB RAM Minimum supported screen resolution 1366x768				
Web browser access Win‐dows (with Silverlight sup‐port)	■ Internet Explorer, minimum version 10 (or later) ■ Mozilla Firefox, minimum version 1.15 (or later) Please note that the web browser support for Windows 8 is for desktop mode only.				
Mobile applications	Android ■ Version 4.1.0 or later iPhone ■ iOS version 7 or later ■ iPhone 5 or later				
Access Points (AP)	512				
Card readers per Access Point (AP)	4				
Users	10 000				
Cards	100 000				

Technical Data

	Aliro
Doors	1 - 512
Access schedules	1000
Security exceptions	100 per door
Access groups per user	10
Group codes and/or Personal codes	Yes, 4-8 digits
Areas	No limit
Event log	Yes, with real-time update
Event buffer	Event buffer 80 000 in each AP
Day&Night Lock	Yes
Standard languages	Czech, Danish, Dutch, English, Finnish, French, German, Greek, Italian, Norwegian, Polish, Portuguese, Russian, Spanish and Swedish
Import of cardholder data	Yes
Export of events	Yes
User configurable inputs and outputs	Yes
Supported reader interfaces	RS485, Clock-Data and Wiegand

Details for ordering

For ordering information please contact your local Vanderbilt representative or find out more on www.vanderbiltindustries.com.

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