

VÖLO

Cloud Based Access Control Solution





LESS

Upfront Investment

Maintenance

Wiring Infrastructure

Site Visits

Installation Time

Hardware



MORE

Flexibility

Scalability

Return on Investment

Access to Real Time Data

Control

Connectivity

Integration

Simplicity

Choice

INTRODUCTION

VOLO is a true cloud-based access control solution that combines the power of cloud technology with cellular connectivity to offer you one of the most powerful and flexible solutions on the market. VOLO empowers you to manage your access control strategies more proactively; using live data to inform your security policies and implement changes across your estate at the click of a button.

VOLO offers reductions in both installation times and infrastructure costs. You will also benefit from increased flexibility with the choice of connecting either via Ethernet or cellular pathways. All of which are designed to offer greater flexibility, more scalability and increased service delivery for all users.

VOLO's cloud software is ideal for projects that require central control, configuration and management of multiple customers, sites, doors, and users. All your sites can be managed remotely in real time from anywhere at any time through any internet enabled device.

BENEFITS OF CLOUD HOSTED SOLUTIONS

Reduced Hardware Investment

- No need for dedicated PC stations or for the premises to have an IT network.
- Greater control of your solutions from anywhere at any time.
- Remote Maintenance, diagnostics, and system management.
- Quicker response times to events or system maintenance.
- Real Time event reporting.
- Data backups for audit trails are stored in the cloud, not locally.

Scalability

VOLO offers an unlimited scalability to allow you to configure a solution for a single user all the way up to 10,000 sites and over 100,000 users.

Connectivity

VOLO can connect to the cloud via either an Ethernet connection or cellular connection with both 2G and 4G capability to offer you the best connection mode no matter your location. We supply EU roaming SIMs to offer the widest variety of network options and ensure an optimum connection.

System Maintenance

The VOLO cloud software is automatically updated to ensure all the latest features and benefits are instantly available to all users and integrators, without any upgrade requirements on site and at no additional cost.

Thanks to our email messaging service you can be notified of an event or system status update as it happens, ensuring that you are always up to date, 24/7, wherever you are.

These tools provide what you need to deliver a truly proactive service 365 days a year, 24 hours a day and ensure the response is aligned with the event as it arises.

System Management

Programming and management of a VOLO solution can be undertaken from anywhere at any time via any internet enabled device on any web browser. Simply log in with your secure operator credentials and you have your access control solution at your fingertips.

System Reporting

VOLO offers a powerful reporting tool that provides valuable insights into areas such as time and attendance, user usage, door usage, unused tokens, muster reporting and much more.

All reports can be accessed on demand or set up to be executed on a regular schedule and delivered to your inbox at your chosen time.

System Resilience

Our VOLO cloud is provided by Amazon Web Services, to offer the highest levels of security and robustness as well as ensuring all data is secured in line with the latest regulations and guidelines. Your VOLO system is automatically backed up to ensure business continuity and peace of mind that your data is secure.

Open Protocol

VOLO controllers offer an open protocol platform to allow you to utilise any Wiegand* or Clock and Data access control readers within your VOLO solution. By being open protocol, VOLO can support your requirements on any new projects but also allow you to retain existing readers and credentials making it perfect for upgrades as well.

Migration of users from other solutions is also made easy via our database importing function

Our open protocol allows VOLO to support the integration of other devices such as ANPR, Facial Recognition, Biometrics, Bluetooth, Keypads and more....

Our Open REST API also allows software integration into 3rd party software platforms to offer a greater level of integration.
*Wiegand up to 64 bit

Licence Based Cloud Hosting

VOLO offers a fixed licence cost that allows you to plan a clear and efficient cost plan with no hidden or unexpected costs.

System

VOLO offer two versions of controllers, Master and Expansion. Both controllers are two door controllers with two lock outputs plus further programmable inputs and outputs (4 inputs/2 outputs).

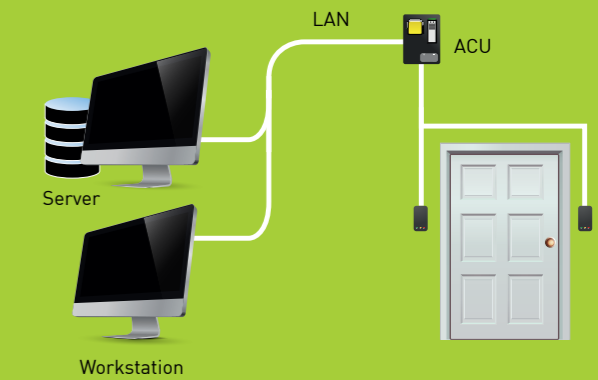
A VOLO Master controller can have 24 expansion units added to it allowing up to 50 doors to be controlled by a Master controller. If you have more than 50 doors, we simply add a further Master and start the link again to support your desired number of doors.

Can't link a Master and Expansion by RS485? No problem! You can utilise Master controllers to overcome this.

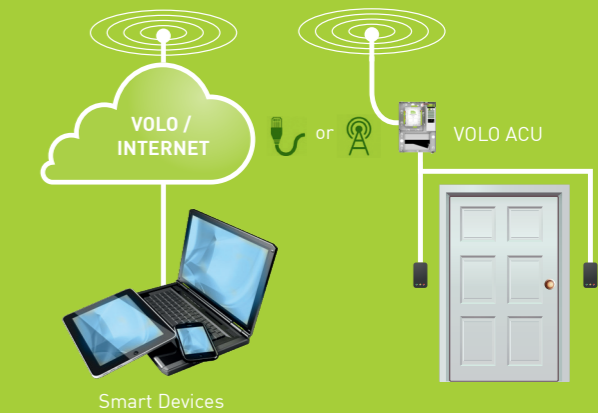
Driven By
BETTER



Traditional System

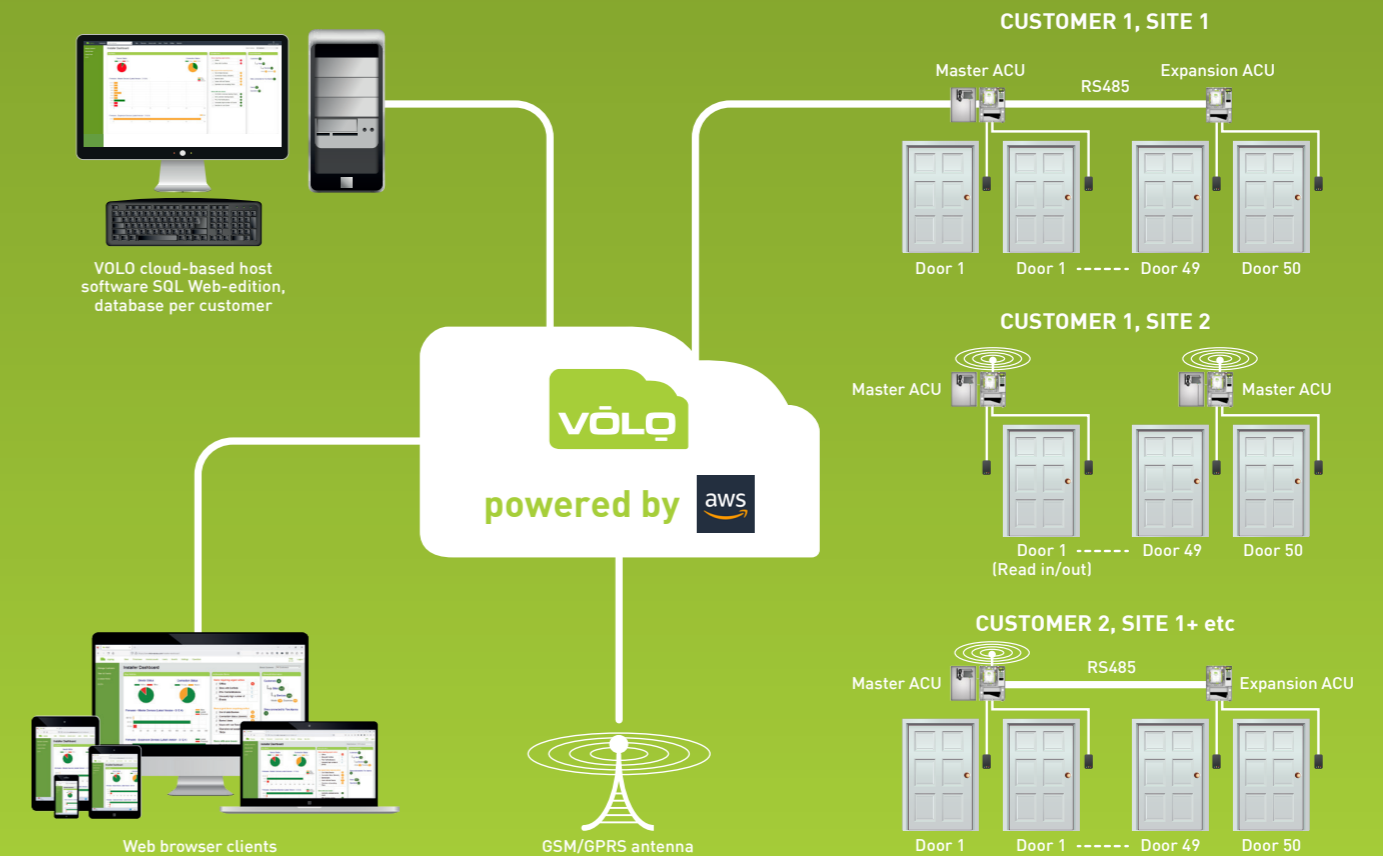


VOLO










SYSTEM

VOLO Master Access Control Units (ACUs) can each control up to two doors and have integrated GSM/GPRS capability. Sites can be expanded with additional VOLO Expansion units to control up to 50 doors per site and up to 10,000 sites combined.



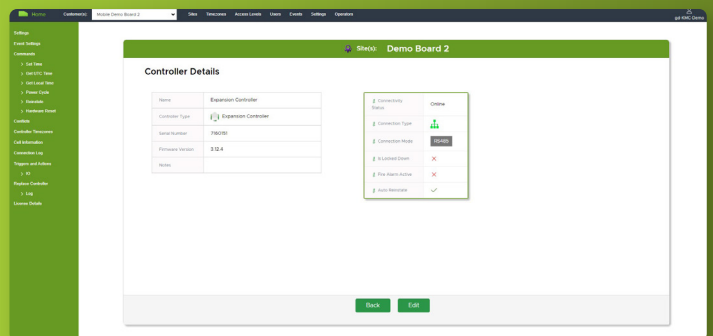
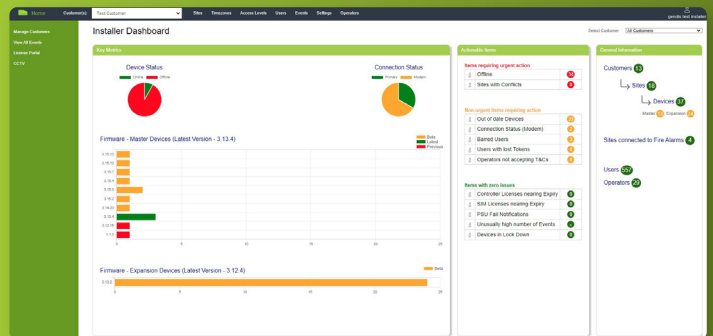
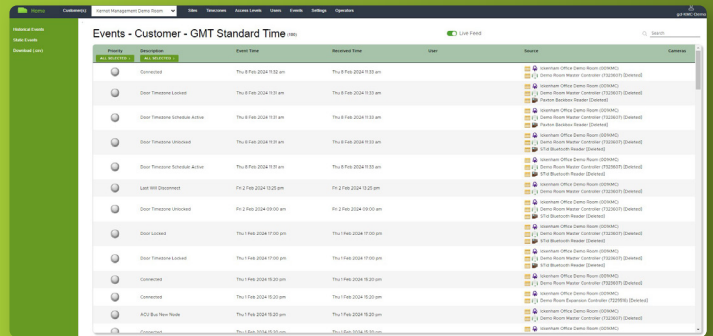
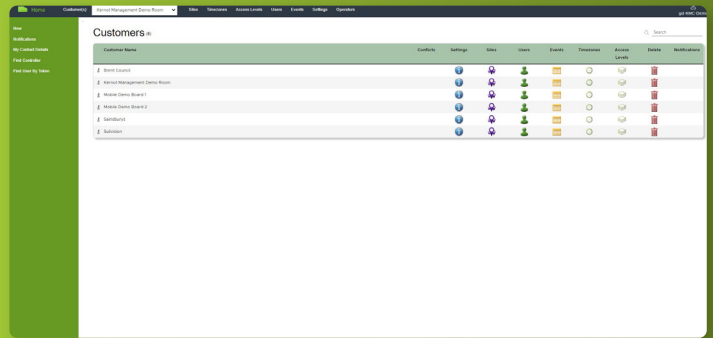


PERFORMANCE

- 
POWERFUL SCALABILITY
 From 1 door to over 10,000 sites and 100,000 users.
- 
NO LOCAL PC REQUIRED
 Save space and reduce maintenance risk & hardware investment.
- 
MOBILE GSM/GPRS CONNECTIVITY
 For those sites where no convenient LAN or internet connection are available.*
- 
MULTI-ACCESS LEVELS
 256 access levels allow integrator and end-user multi-user access rights for site and system programming privileges.
- 
ACCESS FROM ANYWHERE
 Via supported browser devices, including smart phones and netbooks.
- 
LICENCE BASED HOSTING
 Scales with the number of sites, increasing only as the system requirement grows.**
- 
POWERFUL REPORTING
 Including options to export to Excel & scheduled timed reports.

*GSM/GPRS network availability and VOLO airtime agreement required.

**Annual licence per Master ACU required, each able to control up to 24 Expansion units with up to 50 readers.



<https://wiki.volo-access.com>

COMPATIBLE BROWSERS



**VOLO is exclusive to
Kernot Management Consultancy Ltd**
 T 01895 292200
 E info@Kernotmanagement.co.uk

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