



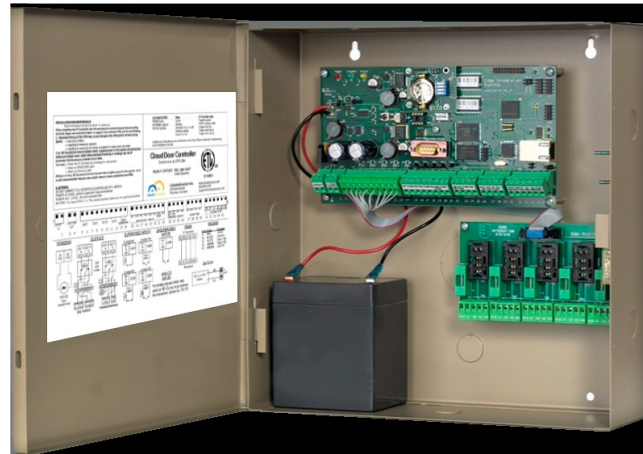
Data Sheet

Cloud Door Controller

Enabling cloud-based access control

KEY FACETS

- Physically Secure
- Network Secure
- Scalable
- Centrally managed across multiple locations



The Cloud Door Controller (CDC) is an **intelligent network appliance** that can be installed at the door or in an IT closet to manage access privileges for a single door within an enterprise access control system with **no need for an on-premise server**.

The CDC supports most Wiegand readers, door devices, and electrified locks. It also has configurable inputs and powered outputs to support a wide range of auxiliary devices (IoT). The CDC's **color-coded connectors** and remote configurability ensure easy, foolproof installations. The CDC **automatically uploads events and synchronizes any changes** in access permissions.

On-board intelligence and storage **ensure continuous operation** and no loss of data through network interruptions. With a backup battery (CDC) or Uninterruptible Power Supply (CDC-POE), operation is maintained through power outages as well.

The Cloud Door Controller is a fully IT-secure network device. All communications between the CDC and Cloudastructure's cloud-based Physical Security Management Platform are protected by 256-bit AES encryption. The CDC only makes outbound connections to the Management Platform. It does not accept ANY inbound connections, so there is no way for hackers to break in.

The CDC is truly plug & play, and can be deployed anywhere with power and an Internet connection. Running DHCP, it will automatically configure itself on the network and 'phone home' for its setup and configuration. Controllers and access privileges can be deployed across multiple facilities with everything centrally monitored and managed from a single account.

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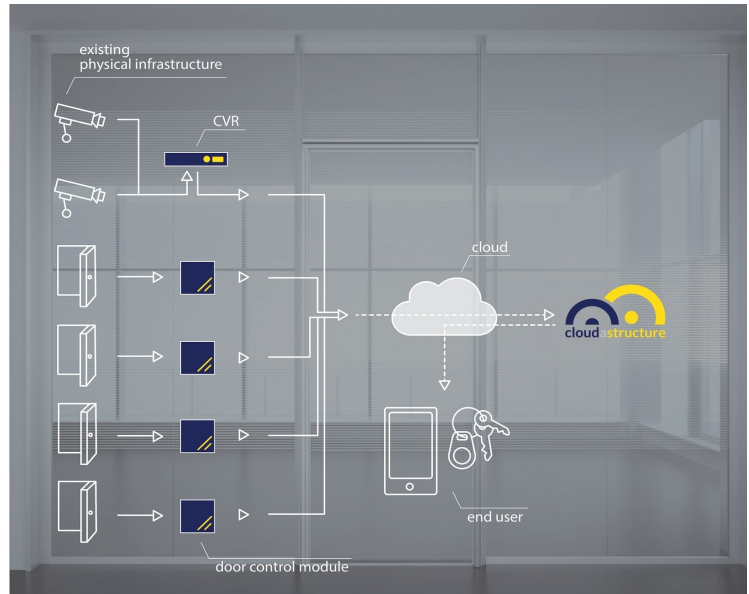
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Using the Cloudastructure Mobile and SmartKey Apps user's smartphone become their access credential, alongside or instead of access cards and fobs.

Sophisticated, role-based access provisioning and notifications ensure complete control of who sees what and who gets in where and when with any exceptions delivered in real-time to whoever needs to know.

Advantages over Traditional Systems


- No on premise Server
- Much Lower TCO
- Supports Smartphone Credentials
- Cloud Video Integration
- Simple per door, per month pricing





Input Power	POE _____ 24VAC, 40VA UL-approved Class 2 transformer	Communications	Wiegand, RS232, RS422, and RS485 and TCP/IP, 256-bit AES encryption
Backup Power	Uninterruptible Power Supply 12VDC, 4Ah or 7Ah, sealed lead/ acid battery	Enclosure	4 1/16" 2-Gang Electrical Box 12"x12"x4" 19-gauge cold-rolled steel
Output Power	12 - 24 VAC/DC up to XX Amps 12 VDC power up to 1.5 Amps	Environmental	Operating Temp: 32°F to 122°F (0°C to 50° C) Operating Humidity: 0% to 95%
I/O	Up to 12 configurable inputs or outputs and 2 - 5 single pole, double throw relays	Certifications	FCC Part 15, Subpart B – Unintentional Radiators, UL 294

About Cloudastructure

Cloudastructure delivers cloud-based infrastructure to provide Integrated Building Automation Solutions for Video Monitoring and Surveillance as a Service (VSaaS), Door Access Controls as a Service (ACaaS), as well as integration with sensors to support your specific Internet of Things (IoT) initiatives.

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