



# **Brivo**

## Product Guide

**1.800.PROTECT**

[GuardianProtection.com/business-security](https://GuardianProtection.com/business-security)

# Why Guardian Protection & Brivo

At Guardian Protection, we partner with Brivo to deliver smarter, more secure, and scalable access control solutions. Together, we bring decades of expertise in professional security and cloud-based innovation—giving you the best of both worlds.

## **Unified Security**

Monitor an entry point, a space, an entire building or several facilities in a single view through one platform. Remotely manage unlimited locations, around the globe from one account.

## **Granting Access at Scale**

Synchronize access controls with your identity systems to manage and track who has access to your facility, including Okta, Azure, Google and property management systems, to easily add users or administrators.

## **Open API Technology**

Integrate existing and future technology with API integrations to drive efficiency and create a better user experiences. 100+ 3rd party integrations for video management, visitor management, property management systems and more.

## **Cybersecurity**

Certified to comply with industry standards and regulations governing product security, reliability, and availability. 15+ years of independent cybersecurity audits and certifications, including SOC 2 Type II, CSA STAR and more.

## **Integrated Video**

Detect, record and document security events and risks before and as they occur. Identify risks by integrating data from video events to correlate with access event.

## **Insights and Visibility**

Analyze event data and usage patterns to detect unusual behaviors and threats. Uncover insights in real-time with anomaly detection, Data Explorer, object detection in Brivo Access.

## **Modernize Security With Ease**

Reduce capital expenses by transitioning existing hardware and systems to the Brivo platform. Identify risks by Integrating data from video events to correlate with access event.

## **Service**

Committed to our partners and customers, Brivo customer care, tech support and field sales is available for every partner and customer to ensure we deliver.



**Your security should be natural and easy, working smoothly in everything you do.**



## **BENEFITS**

### **One view, all the power**

Simplify security with clear, user-friendly controls and smooth processes to get things done faster

### **Cuts through the noise**

Insightful, smart and helpful, turning data into useful information so you can make better, faster decisions

### **Security without constraints**

Highly flexible to easily scale when you need to grow and connect with your technology to optimize operations

## **Brivo Security Suite is a cloud-based solution**

centralizing security across thousands of locations, unifying access control, video intelligence, visitor management, and intrusion into an easy to manage single view.



# BRIVO SECURITY SUITE

Transforming security into operational advantage

## Capabilities

### Accelerate incident remediation

- Emergency management
- Incident management
- Notifications

### Easily adapt & scale to any application & device, thousands of locations

- Broad range of device support
- Brivo API
- Marketplace integrations

### Optimize management

- Centralized management
- User & credential management
- Event & video management
- Device management
- Visitor management

### Assure compliance & privacy reporting

- Data retention for audit logs
- Role-based administration
- Multi-factor authentication
- High cybersecurity standards

### Drive more-informed decisions with analytics & insights

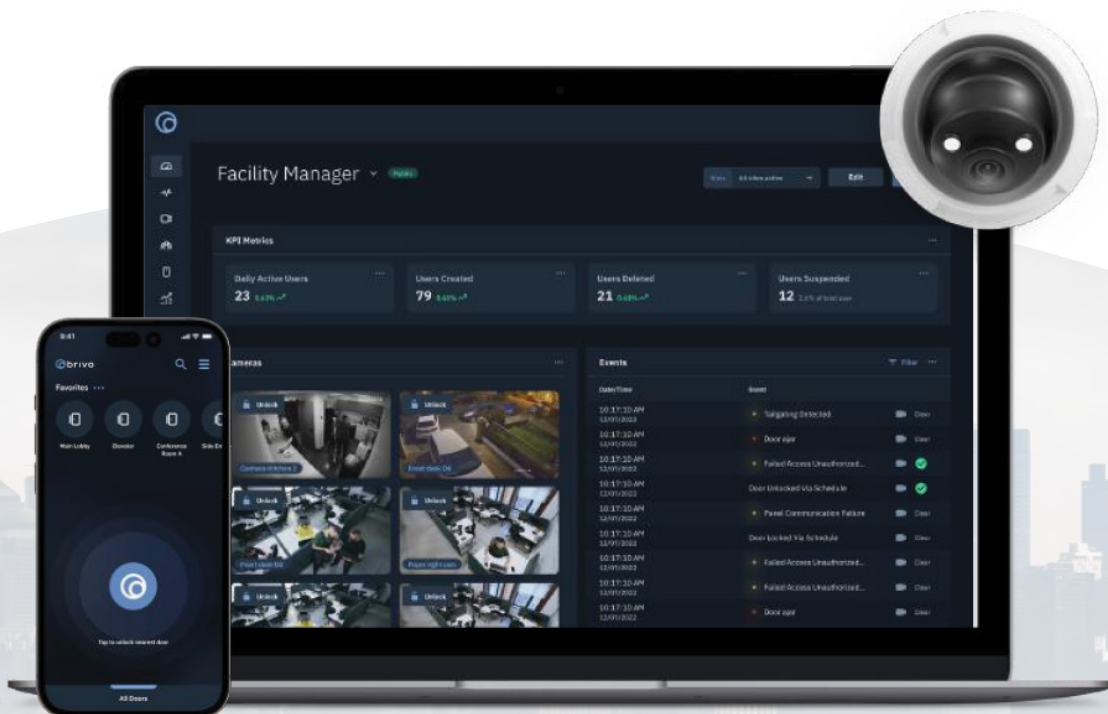
- Access & video
- Event trends
- Sensor & device insights
- Floor plans
- Global view on security posture
- Occupancy tracker
- Notifications

## Security That's Easy to Use

Blends convenience and security at every opening with effortless credentials. Easy to use with straightforward navigation, customizable dashboards, automated workflows, and Brivo Genius support agent.

## Security You Can Trust

We pioneered cloud-based access control because we knew there had to be a better way. Over 20 million users trust Brivo for complete cloud-based protection for their property, people and data, adhering to industry regulations, and delivering peace of mind.





# BRIVO ACCESS EDITIONS

The right physical security fit for any enterprise, any size

## Unify Access Control, Video Intelligence, Visitor Management and Intrusion



### Brivo Security Suite is available across three editions so you can design the package to fit your needs

#### Standard

##### Core functionality for physical security

The Standard Edition is an entry-level solution with core functionality and add-on capabilities with essential tools to secure facility access including event tracking, user and credential management, facility lockdown and video surveillance.

#### Professional

##### More intelligence and security across facilities

Professional Edition empowers organizations to be more efficient and effective across their facilities. Added features include Reader commands, Occupancy tracking, Trend analysis, Enhanced Access functionality, Brivo Snapshot, and more.

#### Enterprise

##### Scale security for multiple locations

Enterprise Edition offers features designed to manage large numbers of access points, across many locations, while meeting increased security and compliance requirements. Added features include Data Explorer, Anomaly Detection, Incident Management, Enhanced Video functionality and more.

#### FEATURE PACKS

##### Enhanced Access

Advanced access control capabilities for managing multiple sites, buildings or properties, such as elevator controls, floor plans, bulk actions and more.

##### Enhanced Video

Expand your coverage with the ability to integrate additional video systems.

##### Enhanced Reporting

Gain additional insights with occupancy tracking, custom event classification, & event trend analysis. Visual and analyze data with Data Explorer.

		STANDARD	PROFESSIONAL	ENTERPRISE
EXPERIENCE	<b>Dashboard</b>	☑	☑	☑
	- Pre-configured dashboards	☑	☑	☑
	- Customizable dashboards	☑	☑	☑
ACCESS CONTROL	Administrators*	10	30	Unlimited
	Event tracking	☑	☑	☑
	Device status	☑	☑	☑
	Emergency scenarios	☑	☑	☑
	Role-based admin permissions	☑	☑	☑
	Remote & mobile management	☑	☑	☑
	Manage users & groups	☑	☑	☑
	Reader Commands		☑	☑
	Incident Management			☑
	Shared Access			☑
	<b>Enhanced Access Pack</b>	Add-on Enhanced Access Pack	☑	☑
	- Global View		☑	☑
	- Floor Plans		☑	☑
	- Elevator Controls	Available with Enhanced Access Pack	☑	☑
	- Global Switch		☑	☑
- Bulk actions		☑	☑	
- Monitored Devices		☑	☑	
- License Plate Credentials**		☑	☑	
VIDEO	Eagle Eye Networks video integration**	☑	☑	☑
	Live & recorded video	☑	☑	☑
	Camera status	☑	☑	☑
	Camera events	☑	☑	☑
	Video analytics**		☑	☑
	Brivo Snapshot	Add-on	1	3
	<b>Enhanced Video Pack</b>	Add-on Enhanced Video Pack	Add-on Enhanced Video Pack	☑
- One additional video integration	Available with Enhanced Video Pack	Available with Enhanced Video Pack	☑	
REPORTING	Standard reports	☑	☑	☑
	<b>Enhanced Reporting Pack</b>	Add-on Enhanced Reporting Pack	☑	☑
	- Occupancy tracking		☑	☑
	- Custom event classification	Available with Enhanced Reporting Pack	☑	☑
	- Event trend analysis		☑	☑
	- Data Explorer		☑	☑
	Anomaly detection			☑
Data reporting retention***	1 year	2 years	3 years	
VISITOR & GUEST MANAGEMENT	Guest Management	Add-on	Add-on	☑
	Brivo Visitor	Add-on	1 Kiosk	3 Kiosks
3RD-PARTY INTEGRATIONS AND DEVICES	API integrations	Add-on	☑	☑
	Mercury Solutions	☑	☑	☑
IDENTITY MANAGEMENT	Multi-factor authentication	☑	☑	☑
	Identity Connector	Add-on	☑	☑
	Single sign-on (SSO)	Add-on	☑	☑
CREDENTIALS	Card, FOB, PIN credentials supported	☑	☑	☑
	Brivo Mobile Pass	5	500	1000
	Brivo Wallet Pass	Add-on	Add-on	Add-on
	Allegion Mobile Credentials	Add-on	Add-on	Add-on
	HID Mobile Credentials	Add-on	Add-on	Add-on

\*Additional Administrators for Standard and Professional Editions are available for purchase

\*\*Additional Eagle Eye Networks subscriptions required

\*\*\*Additional data retention available for purchase





## BRIVO SMART READERS

Brivo Smart Readers enable smart, secure and convenient user experiences.

### Security with Style and Functionality

Brivo Smart Readers enable convenient and secure access with a modern sophisticated look. These readers are simple to install for either a single door or an entire property.

Brivo Smart Readers support encrypted Brivo mobile credentials, encrypted smart cards (13.56 MHz), or legacy proximity cards (125kHz).



**SINGLE GANG**



**KEY PAD**



**MULLION**



### APPLICATIONS & BENEFITS

- Use your bluetooth-enabled Brivo Smart Reader and the Brivo Mobile Pass app on your phone to open doors—even in locations with no wireless connectivity.
- Administrators can conveniently issue or revoke mobile credentials via Brivo Access in moments.
- Improve security with encrypted smart cards that offer protection against counterfeiting.
- Select from an array of reader options that provide increased flexibility.

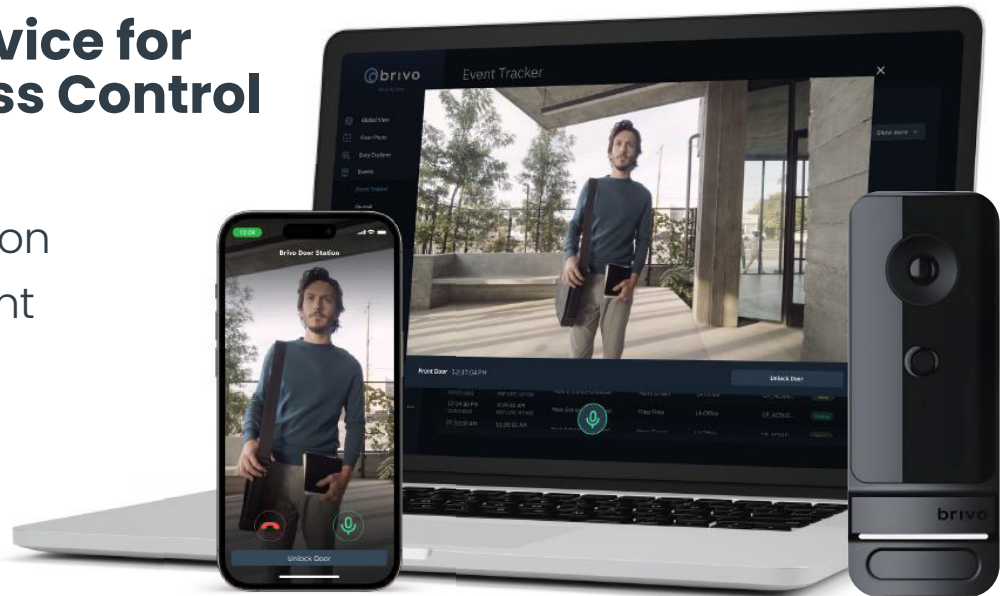


## BRIVO DOOR STATION

Secure, easy access with video for every event

### All-in-One Device for Smarter Access Control

- Video intercom
- Facial authentication
- Video of every event



An access solution that unlocks doors using facial authentication, captures video of every access event and connects you to visitors from anywhere.

- Facial authentication for hands-free entry
- Video intercom with audio
- Brivo Snapshot and video recordings of every access event
- Compatible with Brivo Mobile Pass and Brivo Unified Credential cards and fobs

Brivo Door Station is a hardware-as-a-service device that significantly reduces upfront costs. This all-in-one reader and video device is available with a minimal monthly subscription and set up fee to activate.

- Easy to install and activate
- Simple user enrollment process uses employee badge photo for facial authentication
- No need to carry a credential for frictionless access
- Know who is at your door with video intercom



## SINGLE DOOR CONTROLLER

Single door Ethernet controller designed to support Brivo Smart Readers or any OSDP compatible reader in a Brivo Access control installation.

### Brivo ACS-SDC Single Door Controller

The Brivo Single Door Controllers are Ethernet Controllers available as recessed mounting in a junction box or a full enclosure for wall mounting.

When connected to a Smart Reader the B-ACS-SDC-E and B-ACS-SDC-E-ENC both support multiple credential types, including Brivo Mobile Pass, Smart Cards, Proximity Cards, Brivo Wallet Pass and PINs.



**B-ACS-SDC-E**

**B-ACS-SDC-E-ENC**

### FEATURES

- Ideal for use with Brivo Smart Readers or any OSDP-ready reader
- Pairs with a second OSDP reader for anti-passback or in/out control
- Supports offline control and caching of up to 60,000 events
- Single-gang junction box mounting
- Supports PoE and/or 12VDC power
- Supports lock control
- Supports Request for Exit (REX)
- Supports Brivo Mobile Pass
- One auxiliary input and one auxiliary output
- Includes single gang electrical box cover
- Physical switch included with the enclosure model
- Wall mounting plate available with enclosure version





## BRIVO ACS300 CONTROLLER

The Brivo ACS300 is our next generation of Ethernet/Wi-Fi controller designed to support components of Brivo Access control platforms.

## Building blocks for Brivo cloud-based security

Brivo's controllers are the supporting components of your Brivo access control platform. The ACS300-E is used for Brivo Access accounts.



### FEATURES

- Supports:
  - Brivo Smart Readers as well as OSDP and Weigand readers
  - Up to 2 card readers per control panel
  - Brivo Mobile Pass
  - Select Brivo wireless lock integrations
- Host communication via ethernet or WiFi
- Host authentication via digital certificates
- IP-based access control and alarms
- Power over Ethernet (PoE+)
- Encrypted storage and communications

### Ordering Information Brivo Access

B-ACS300-E controller (controller board in compact plastic mountable enclosure)

### Ordering Information

B-ACS300-E controller (controller board in a B-ACS300-A controller (controller board in compact plastic mountable enclosure)



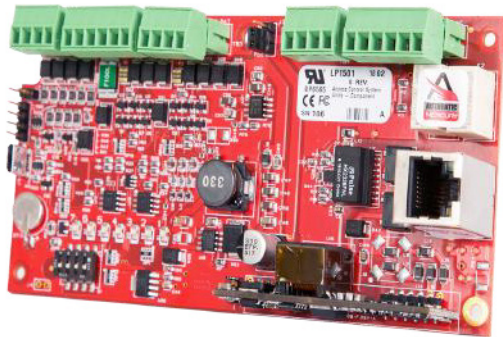


## BRIVO MERCURY SOLUTIONS

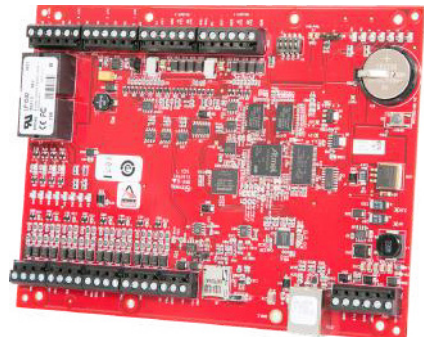
Mercury OEM Panels provide a non-proprietary hardware solution and/or upgrade path for existing Mercury installations.

# Brivo Mercury Solutions consist of Brivo OEM Mercury panels and a Mercury Provisioning Tool

Brivo Mercury Solutions provide users a path to easily transition existing Mercury control panels from competitive systems, while also allowing the expansion of existing Mercury-based systems with new Brivo OEM Mercury panels.



**MRC-LP1501**



**MRC-LP1502**

## BRIVO OEM MERCURY PANEL

Mercury OEM Panels provide a non-proprietary hardware solution and/or upgrade path for existing Mercury installations.

- Supports all Standard Brivo Access Features
- Supports 30 doors per EP1502 or LP1502 Mercury control panel
- Supports 17 doors per EP1501 or LP1501 Mercury control panel
- Supports Brivo Mobile Pass credentials via server command
- Supports live event and device status
- Secure host communication over the internet
- Ability to upgrade outdated Mercury based access systems without additional hardware

## MERCURY PROVISIONING TOOL

The Mercury Provisioning tool is a cloud-based service that easily converts outdated on-premise Mercury installations to Brivo Access.

- Supports EP1501, LP1501, EP1502 and LP1502\*
- Easily converts a Mercury control panel to communicate with Brivo Access
- Updates control panel to Brivo OEM configuration
- Automatic firmware upgrades on conversion, if needed

\*Some Mercury OEM EP1501 and EP1502s are not supported due to restrictions programmed into the panel by another Mercury OEM partner. Brivo offers a downloadable client tool for these conversions.



## BRIVO ACS6100 SERIES Control Panel

Brivo control panels act as the interface between our cloud services and local devices

# Control Panels Ready for Today and Future-proof for Tomorrow

Brivo ACS6100 Control Panels are key components of your Brivo access control platform. The ACS6100 Control Panels support the existing ACS6000 main boards along with the ACS6100 Door and I/O expansion boards.

## KEY FEATURES

- Increased capacity for Door and I/O boards
- Supports:
  - Brivo Smart Readers as well as OSDP and Weigand readers
  - Remote firmware updates
  - Brivo Mobile Pass
  - 30 card readers per control panel
  - Brivo Mobile Pass
- Host communication via ethernet or WiFi.
- Cellular options available upon request
- Host authentication via digital certificates
- IP based access control and alarms
- Modular growth via expansion boards
- Encrypted storage and communications



BRIVO ACS6100L

## Modern Capabilities, Increased Capacity, and Enhanced Security

## ORDERING INFORMATION

### Brivo Access

#### Brivo B-ACS6100R-E Regular Panel

Includes regular chassis, main board, power supply board, battery, and transformer. This chassis will accommodate two additional accessory boards.

#### Brivo B-ACS6100L-E Large Panel

Includes large chassis, main board, two power supply boards, two batteries, and two transformers. This chassis will accommodate six additional accessory boards.

### Associated Components

B-ACS6100-DB	Two-reader Door Expansion Boards
B-ACS6100-IO	Input/Output Expansion Boards
B-ACS6100-PSB	Power Supply Boards
B-ACS6100-ADPL	Adapter Plate for installation of B-ACS6100-DB or B-ACS6100-IO in ACS6000/6008 series cabinets
B-ACS6100R-EXP	Brivo ACS6100 Regular Expansion Chassis
B-ACS6100L-EXP	Brivo ACS6100 Large Expansion Chassis
B-ACS6000-MBE	Two-reader Main Board for Brivo Access



## BRIVO CELLULAR NETWORK MODULE

Connect to Brivo Control Panels (ACS300 and ACS6000) with our simple, plug-and-play 4G cellular network module.

## Deploy Access Control to Locations You Never Thought Possible

Brivo Cellular Network Module is ideal for supporting locations and entryways where cellular connectivity is required. It can be used for primary control panel communications or as a backup for local Internet connections. When combined with hard-wired Ethernet and WiFi connections, it provides triple redundancy for control panel communications. Additionally, it is the perfect solution for connecting remote locations and small offices that have no IT support or local area network.



**CELLULAR NETWORK MODULE**

## DESIGNED FOR EASE OF IMPLEMENTATION

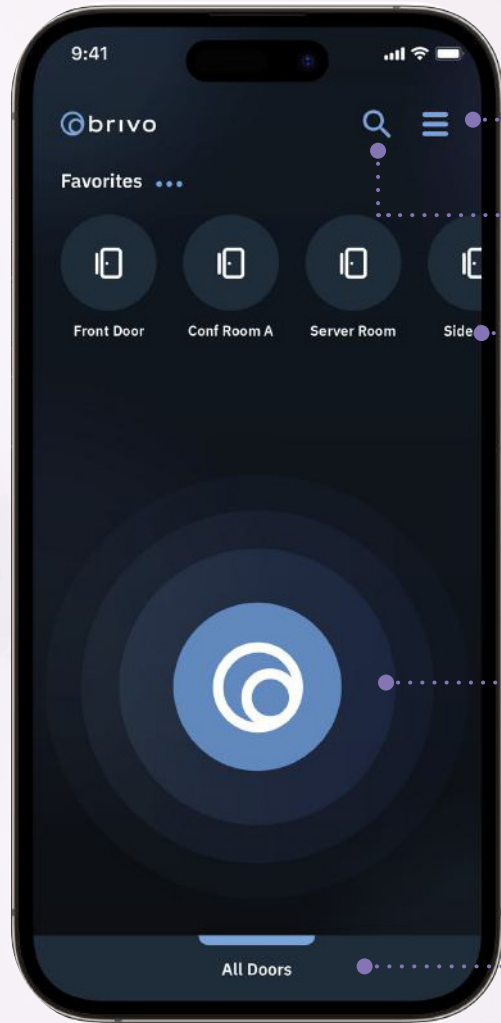
Brivo Cellular Network Module has a versatile design to easily fit in compact spaces and support a variety of mounting conditions.

- Connect hard-to-wire locations with limited WiFi
- Support remote locations with no Ethernet connectivity
- Install with a simple USB connection to Brivo controllers- no IT support, WiFi router or LAN required
- Mount on drywall or gang boxes in compact spaces
- Single monthly bill from Brivo includes a flat-rate cost-effective cellular service plan



## BRIVO MOBILE PASS

An easier, more intuitive unified mobile credential experience for users of Brivo Access and Brivo Smart Home.



Easily navigate app features

Search doors by name

Rename and favorite frequently used doors

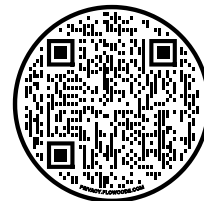
Tap the Magic Button to open the nearest door

Tap to view all available doors

Brivo Mobile Pass now has a faster, more intuitive user experience for both Android and iOS users. Navigation within the app is simpler as well as searching and favoriting doors.

If you have your device settings to auto-update apps, the update will be downloaded to your phone automatically. You will see the change reflected the next time you open Brivo Mobile Pass.

If you do not have auto-update, you will see the update notification on your device and will need to install the updated app.

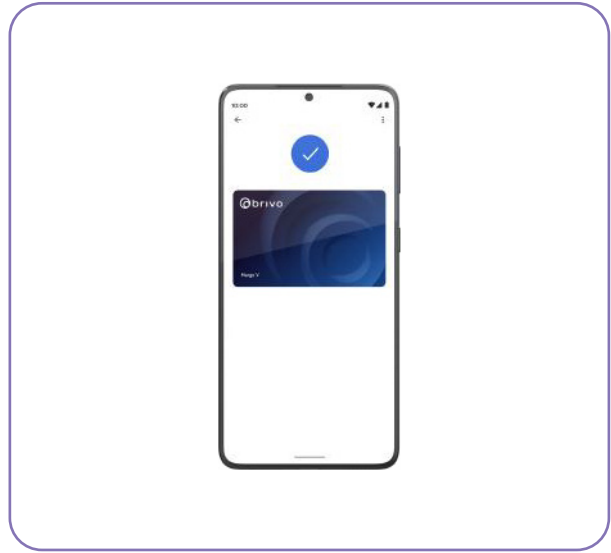


**Scan the QR code to download the latest version of the Brivo Mobile Pass app**



## BRIVO WALLET PASS

Elevate your access experience with an even easier way to get around the office with highly secure mobile credentials.



## Make employee access more convenient with just a tap from an iPhone, Apple Watch, or Android phone.\*

\*Requires eligible device, and OS version. Currently available in the US only.

### More Convenience

Tap your phone to open doors without having to unlock your phone or open an app

### Enhanced Security

Mobile credentials can't be stolen, duplicated, or removed from your digital wallet

### Environmentally Friendly

Reduce administration costs and waste associated with physical cards and replace them with digital credentials

## EASY TO DEPLOY AND MANAGE. SIMPLE TO ACTIVATE.

By adding access credentials to Apple Wallet or Google Wallet, you can streamline key distribution and management across your entire organization.

**Distribute** Mobile Credentials remotely in just a few steps.

**Deliver and Store** Credentials directly in Apple Wallet or Google Wallet.



## BRIVO LICENSE PLATE CREDENTIALS

A safe and contactless way to grant access to vehicles

**License Plate Credentials are a smart and cost-effective solution to automate vehicle access to secure parking areas**



Assign a license plate in Brivo Access to create a vehicle-specific credential.

Eagle Eye Networks integrates Brivo License Plate Credentials.

License Plate Recognition works with standard ONVIF IP cameras capable of producing a quality image of license plate.\*

### BENEFITS

- Eliminate keyfobs, tickets, and codes to enter a garage by using a vehicle license plate as a credential
- Automate vehicle entry
- Improve the overall access experience
- Faster and more efficient gate passage
- Alerts for non authorized vehicles

### KEY FEATURES

- Identify vehicles by their license plate
- Easily manage and assign credentials within Brivo Access
- Automatic capture and storage of video for every entry
- Supports a backup reader in the event a license plate is obscured, missing or not registered



## BRIVO IDENTITY CONNECTOR

Synchronize Access Control with Your Identity  
Access Management (IAM) Platform

# Manage All Users In One Place

Integrate and synchronize access rights with your Identity and Access Management platform.

## BENEFITS

### More Convenience

Tap your phone to open doors without having to unlock your phone or open an app

### Make Changes in One System

Manage user identities and physical access credentials together

### Automate Manual Updates

Eliminate updating Access Control system to match employee record

### Synchronized Access Rights

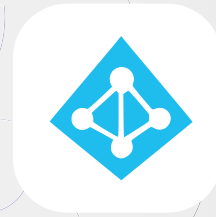
Automatically update Brivo Access with IAM changes

### Security Credentials Simplified

Identify authorized users, and de-provision user's facility access rights

# Access Rights, Always Up To Date

Link Brivo Access with your IAM platform, so you can ensure your users' physical access rights are in sync and up to date with corporate IT directory records.



## What is physical access control?

The enforcement of how an individual gains access to and from a building, property or any other facility. This is done by assigning credentials (cards, fobs, fingerprint, mobile), which identifies the individual, and in turn, authorizes whether they have permission to enter. In other words, this is how we CONTROL how someone gains ACCESS into a location.

## What is cloud-based access control?

This form of access control allows you to remotely manage building security and removes the need for onsite servers and dedicated IT resources. Information is stored and managed by a third-party provider using a much larger network (such as the Internet) and you can save, download and access data directly on the hosted service. In other words, cloud lets you securely access information digitally, so you can use personal devices (smartphone, laptop, desktop, tablet, etc.) to manage your data anywhere, at any time. Cloud-based access control provides larger storage capacity while making information even more accessible.

## What are some physical access control options?

Physical access control options include traditional lock-and-key, on-premise (computer) solutions and cloud-based solutions. Lock-and-key: The basic level of security technology requiring metal keys that match each lock in your building. On-premise solution: An electronic version of the lock-and-key, with the lock controlled by a computer server located inside the business. Cloud-based solution: Solution that secures and controls multiple locations from a browser or mobile device, revoke credentials when needed and view live or recorded video from any facility, regardless of location. See our white paper [The Simple Truths of Access Control](#) for more detailed product information.

## What are the benefits of SaaS for access control?

SaaS (Software as a Service) uses a cloud-based software “on-demand” approach as opposed to the old way of paying upfront for an entire software suite. Instead of paying for software components you may not need, the SaaS model allows you to decide what you want to use and subscribe to in order to protect your facility.

Benefits include system flexibility and scalability, mobile conveniences, instant access to data and integrations with other systems you use every day. You also have easier access to technical support, reliable system maintenance and can minimize IT and server-related costs.

See our white paper [Top 6 Benefits of Cloud-Based Access Control](#) for more information.

## How do I determine what I need to buy?

**Think about the following considerations when deciding what you need in the short-term and long-term:**

The number of doors you need to secure today.

The number of doors you'll need to secure as you expand—this dictates the type of access control system you'll want to use. Cloud-based systems are adaptable and scalable.

The physical makeup and use of your doors—this dictates which types of locks and entry systems to use.

The use of the doors—are some only for customers, employees, or vendors? A cloud-based system will allow you to schedule and grant access to doors by user group.

## How does Brivo Mobile Pass work?

Brivo Mobile Pass allows individuals to use their mobile device as a credential. In Brivo Access, administrators can send a Brivo Mobile Pass by emailing an invitation to a user. Brivo Mobile Pass communicates with the reader or directly to a secure, authenticated cloud. All Brivo Access accounts can use this feature without the need for new card readers, control panels or smartphone upgrades.

## Does Brivo work with different types of doors?

Brivo access control is a keyless entry system, so it can be installed with many forms of entry. The Brivo platform allows a user to open a wide variety of access points including exterior, interior, gate, store-front, glass doors, cabinets, lockers, server racks, elevators and garages with their credentials (keycards, fobs, pin numbers, mobile, etc.)

## Does the Brivo work with other systems for visitor mgmt, property mgmt or video?

Brivo integrates with other platform via Application Programming Interface (API). Using an API, you can configure 3rd party applications to work in Brivo Security Suite. Visit our API page to learn more about our integrations.

## How secure is the system?

## How do I know it won't be hacked?

As a physical security provider, we at Brivo believe that information security is of paramount importance to maintaining the safety of your facilities. That's why information security has been a consideration since day one in our data centers, field hardware, people and processes. Everything from how we build products to how we deploy applications and manage our business has been designed for cybersecurity in today's enterprise landscape.

Brivo has continuously applied networking and application security best practices to our cloud-based access control system. More than ten years of SOC audits underscore our commitment to protecting customer privacy and data security. See the [Security and Compliance](#) overview on the Brivo website for more information.

## What kind of data should I expect to get from the platform?

**Currently, you can access event and video data. Here are some ways to use the data to improve business operations and physical security:**

How do daily security patterns compare across my facilities?

What signals precede an actionable security event?

Which facilities exhibit the most off-hours video events?

Where are administrative privileges changed most often?

Which locations stand out this week? This month? Every month?

What is the seasonal variation in security events?

How do my large facilities differ from my smaller facilities?

How do my physical security data correlate with other data sources?

## What additional resources are available to learn more about Brivo solutions and installations?

**Currently, you can access event and video data. Here are some ways to use the data to improve business operations and physical security:**

Learn about Brivo with "[Brivo Bytes](#)" how to learning modules

[Become Brivo Certified](#)

[Register for Brivo Training](#)