10 REASONS TO EMBRACE Mobile Access Control

Mobile access control is the latest development in physical access security. It takes advantage of the increasingly mobile-first world by enabling mobile devices — including smartphones, tablets, and even wearables — to function as a credential. In addition to physical access, mobile access can also enable logical access to networks and other resources.

Access Control is Incredibly Important

Cybercrime attacks like data breaches at big-name retailers get a lot of attention these days and deservedly so. **But physical access security and data security go hand in hand.** Physical access security helps protect:

- Facilities
- Assets
- Networks
- Cloud resources

...and all of the sensitive information they contain.

Access control today usually consists of cards or tags that users carry with them and readers that permit access when a credential is presented. **According to research by ASSA ABLOY and IFSECglobal.com:**

- **56%** of organizations use a traditional wired access control system that relies on cards/tags
- **21%** don't have an electronic access control system
- **17%** rely on a combined wired/wireless system with cards/tags
- **6%** have a full wireless system of cards/tags

Mobile Devices are Everywhere

The chances are excellent that the employees, contractors, tenants, and others that are relying on cards or tags for access control in your organization are already carrying a mobile device with them.

According to estimates from Strategy Analytics, the world's population of smartphone users:

- Stood at **1.5 billion** in 2013
- Surpassed **2 billion** in 2014
- Hit **2.5 billion** at the end of 2015

The Ericsson Mobility Report 2015 predicts that by 2020:

- **70%** of people will be using smartphones
- **90%** of people will be covered by mobile broadband networks
- **80%** of all mobile data traffic will come from smartphones

Mobile access combines physical access control with mobility, allowing devices to operate as the cards and tags users are accustomed to presenting.

10 Reasons Your Organization Should Embrace Mobile Access

Legacy Cards		Mobile Access
Legacy card technologies have been around for decades and offer little choice.	1	Moving access control to phones, tablets, wristbands, watches and other wearables offers choice and convenience to end-users.
Cards are not perceived as innovative.	2	Cool and more convenient user experience through tap or gesture-based technologies.
Legacy technologies have known weaknesses and can be cloned.	3	Security protections built into quality mobile credentials make them highly secure.
Legacy technologies do not meet today's best practice security and privacy standards.	4	Mobile access employing best practice multi-layered authentication is more secure and protects privacy throughout the lifecycle of the Mobile ID.
Cards can easily be stolen or shared.	5	Mobile phones are usually more closely guarded because of their cost and the personal data they contain.
Low-frequency, legacy cards cannot offer the integration of physical and logical access.	6	The right mobile solution can unify physical and logical access control on the smart device.
Revocation, issuance or change of access rights can be a slow process.	7	Mobile credentials managed within a robust online portal can be revoked, issued or changed, wirelessly on-the-spot.
Managing badges can be cumbersome.	8	Mobile credentials and users are easily managed through an intuitive Web portal.
Legacy technologies require a visible reader on the wall, increasing the potential for vandalism.	9	Mobile access with long read range allows readers to be placed inside a building or behind a locked door to reduce vandalism.
Legacy technologies are less eco-friendly.	10	Mobile access compliments sustainability initiatives by moving access control into a greener footprint by upcycling an existing smart device.

Organizations can choose to use a mobile access solution exclusively or a combination of smart cards and devices. HID Mobile Access® combines the security of card technology with the convenience of mobile devices.

The benefits of HID Mobile Access solutions include:

- An innovative, convenient user experience
- Multi-layered security for optimal protection
- Breakthrough technologies keep identity data private
- A robust management portal for easy management of secure identities
- Support for both physical and logical access

Learn more at **hidglobal.com**

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