OLOID

OLOID M-Tag

World's first self-install retrofit mobile access solution

With emerging technologies, the requirements of access control systems have also evolved. A modern access control system must be frictionless, scalable, secure, privacy compliant, versatile, and much more. However, upgrading an access control system is a tedious and expensive exercise, not to forget how it can disrupt day-to-day operations. This is where the OLOID M-Tag comes to the rescue.

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What is the OLOID M-Tag?

OLOID's M-Tag is a BLE-powered retrofit mobile access solution to upgrade your existing access control systems. Compatible with the majority of physical access control systems, OLOID M-Tag integrates with your existing systems seamlessly to enable mobile access in minutes.

It is a lightweight device that snaps onto your existing card readers to activate mobile access without the need to replace any hardware at the door or in the closet. It allows your employees to use their smartphones to authenticate themselves and unlock doors or turnstiles without any physical contact.

OLOID M-TAG empowers legacy PACS with all the features and functionalities of a modern mobile access control solution.

What is BLE Technology?

Bluetooth Low Energy (BLE) is a wireless technology used in an array of products and applications related to security, access control, home entertainment, etc. Unlike the classic Bluetooth technology, the BLE devices use less energy since BLE stays dormant unless a connection is initiated and is much faster.

How does OLOID M-Tag work?

OLOID M-TAG uses Bluetooth Low Energy or BLE technology to communicate with the badge reader system. There are three components to OLOID M-Tag:

The BLE-powered device	Integration with the existing systems	The OLOID App

How to install OLOID M-Tag to enable mobile access

OLOID M-TAG can be easily self-installed in just a few minutes. The entire process of setting up mobile access for your team can be completed in under 30 minutes.

Step 1

Attach OLOID M-Tag on top of the existing badge reader

Step 2

Create an account and enable the device on OLOID's admin interface

Step 3

Register existing badge IDs that require mobile access

Step 4

Use the mobile app to unlock the door

To use OLOID M-Tag, you attach the device to your existing badge readers. You must then lo g in to the Tenant Admin Portal to configure settings.

Create Wiegand Format:

You must create the Wiegand format, which is the general concept of security card data encoding. Weigand is a specific binary reader-to-controller interface. You fill in the details, like name, description, format (which will be Wiegand format by default), length of the format, facility code, facility code start, facility code start, etc. and then save.

Create Secondary ID:

Once the Weigand format is saved, you add or import the secondary ID. Under the Users section on the home screen, you add the employee details and add the secondary ID, which is the badge ID of the employee, and save. To import the Secondary-ID, you can download the CSV format template. Fill in the secondary ID against the respective users, upload the file and publish.

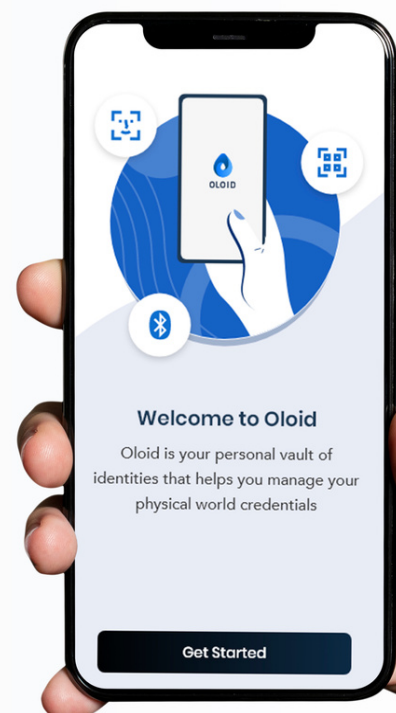
Create Bluetooth ID:

To create the Bluetooth ID Wiegand format and Secondary-ID must be added to user details. Under credentials, you click on the Bluetooth tab. The 'Create Bluetooth' pop-up box will open up, in which you fill Start date/time and End date/time, and save.

How to use the OLOID App

The only prerequisite to using the OLOID App is to have a valid OLOID account. You can download the OLOID app from the App Store or from the Play Store, and install it. Once successfully installed, you open the app and click on 'Get Started' to start using it.

But what happens in case o f connectivity issues, mobiles shutting off, or a power outage?

OLOID M-Tag supports backward compatibility. You can use the badges to gain access or choose to disable badge access for higher security. In addition to this, you can also reach out to the OLOID support team for assistance with any technical issues.

Welcome to Oloid

Oloid is your personal vault of identities that helps you manage your physical world credentials

Get Started

Benefits of OLOID M-Tag

The simplicity and ease of use of OLOID M-Tag along with its versatility, robustness and enterprise-grade security offers a range of benefits for both employers (the administrator) as well as employees (the end-user).

Employers get a simple, secure and smart mobile access upgrade

Self-installation:
OLOID M-Tag can be self-installed in minutes without any technical assistance. You may choose from a wide selection of OLOID M-Tag models, to find the one that fits your badge reader perfectly.

Easy Integration:
OLOID M-Tag integrates seamlessly with existing badge readers and access control systems. It also supports integrations with other HR platforms and tools for occupancy management, time and attendance clocks, safety and wellness, visitor management, etc.

Automated administration:
It eliminates multiple manual actions and automates the daily processes for a swift, smooth, and error-free administration.

Cost-effective:
Most PACS upgrades call for an overhaul which can be pricey. OLOID M-Tag, on the other hand, works perfectly with existing hardware and wiring. This battery-powered device uses BLE technology to communicate with your system; eliminating the need for any rip and replacement.

Secure encryption and privacy compliance:
Assured data encryption rules out any security loopholes or unauthorized data accessibility to keep you compliant with data privacy regulations.

Remote management and reporting:
An administrator can set up and manage access permissions remotely, and monitor real-time access logs through an intuitive admin portal.

Enhanced employee experience

Contactless and Cardless Access:
Your employees, visitors, and contractors do not need to carry any ID badges or key cards. OLOID M-Tag offers them a safer and contactless access experience.

Frictionless Mobile Access:
The OLOID App, on the mobile phones of employees, integrates user credentials with admin systems to turn smartphones into mobile passes.

Intuitive unlock modes:
Employees can choose from different modes for user authentication. They can use their biometrics, tap the phone on the M-Tag enabled badge reader, unlock via push notification or use the OLOID App to unlock.

Assured Data Privacy:
With the personal details of your employees well encrypted and protected, no unauthorized person can access the information.

OLOID ensures enterprise-grade security and privacy

Along with security, OLOID gives utmost priority to data privacy, regulations and compliances. And that's the reason why OLOID ensures the captured data is managed in compliance with a consent-based privacy framework such as SOC 2, CCPA, GDPR, HIPAA, PCI, and more. OLOID also offers end-to-end data encryption, multi-modal authentication, unique mobile credentials, cloud-based security and more to ensure the data is not cloned and compromised.
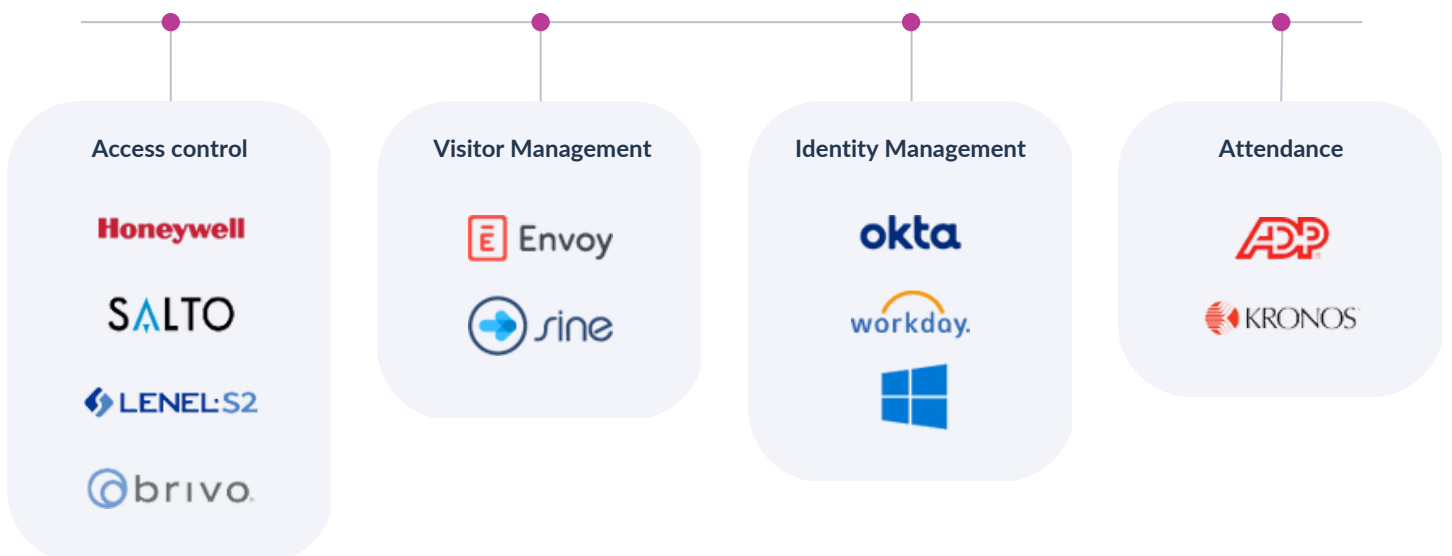
Experience unlimited scalability with powerful integrations

OLOID M-Tag is compatible with the majority of physical access control systems and supports powerful integrations with a wide range of tools and software without writing any code. It has the ability to connect any API-friendly system with physical access to give you maximum workplace security and workforce productivity.

Solutions

Mobile Access

Anomaly Detection

Time clocking and Attendance

Eliminates Buddy Clocking

Visitor Management

Occupancy Management

Integrations

Access control	Visitor Management	Identity Management	Attendance
Honeywell	Envoy	okta	ADP
SALTO	sine	workday.	KRONOS
LENEL:S2		Windows	
brivo			

OLOID M-Tag and the future of mobile access

The ease of use and numerous benefits discussed earlier point to the fact that the future of the access management industry will be driven by mobile access solutions. According to IHS Market, 120 million mobile credentials will be downloaded by 2023.

OLOID is dedicated to building a retrofit line of products and solutions that are mobile-first, SaaS-based and AI-driven. OLOID M-Tag offers all that and more. It helps organizations extract more from their legacy systems and hardware. It enables mobile access without any rip and replacement, saving them thousands of dollars in hardware replacement and installation. It also supports powerful integrations with their HR and security systems to automate day-to-day administrative tasks and other business operations.

A mobile access control solution simplifies system management and allows you to build a workplace framework that balances convenience, security, and data protection. OLOID M-Tag offers unlimited scalability, versatility and flexibility to create that framework in minutes.

Contact us

to know more about our products and solutions.

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