

The ACTAtek Device

A Biometric RFID IoT Solution for Workforce
Management and Physical Security

Introduction And Context

- In 2016, a study by Kessler International found that eighty percent of workers admitted to at least some form of time theft – such as buddy punching, additional hours on payroll, or outright ghost workers.
- Tyco Retail Solutions estimates that nearly \$100 billion, or about 1.82%, is lost in the global economy due to inventory loss; with theft being one of the major culprits.
- Traditional time attendance solutions rely on good faith principles which forces the employer too 'write off' said deadweight as loss.
- As for access control methods, hefty costs and a lengthy installation period makes it a significant investment for many SMEs. Yet, these card readers and controllers are nearly useless should a card be handed or stolen to another third party.

Our Solution



We could have created a single time attendance solution, or focused solely on access control; however, why stop there? That's why we created and pioneered the ACTatek line, an all-in-one system to address your issues simultaneously. Utilizing biometrics, RFID card, and IoT Cloud Applications this rather simple looking device can handle:

- A plethora of different access control, intercom, GPS options from facial, fingerprint, RFID card and password; with only minimal installation set up, safeguard any area of interest.
- Instantly record and track employees on the site from the beginning of the shift to the end; utilizing our biometric Multi Factor authentication will eliminate the issue of ghost workers and ensure accurate payroll logs.

Beyond just Access Control and Time Attendance, the ACTAtek has a myriad of other benefits.



- Simplified payroll for both you and your employees; minimize paper trails and have it saved in multiple servers, whether on the cloud or on site.



- Real time notifications through SMS and/or Email, about the latest happenings. Stay informed and be informed within seconds of a major incident.



- Installation is quick and easy. In less than a day, we can have multiple devices set up in multiple sites and rooms; no costly construction into the walls to set up cabling.



- Keep everyone safe. With both locked down features and roll-call, track their latest access times, as well as, minimize a security threat.

How it works.

- CMOS Camera; supports Facial Recognition.
- WIFI, 3G, Intercom
- Fingerprint Scanner
- Support multi vendor RFID cards
- Allows for both access from the unit, as well as, access from any mobile/ internet device.



- Linux based, TLS 256bit encryption
- GPS support
- Cloud Accessibility/ Application capabilities.
- SMS and Email notifications

Our Support

- Our devices are all compatible with SQL, Azure SQL, Oracle and SAP; integrates well with SOAP API, Google Drive. And what of physical integration? Our Universal Plug and Play connections allows for easy connection into your existing access control systems via Weigand output.
- Due to the durability of the device, most of your issues can easily be solved through online maintenance; no longer do you have to shell out for a repairmen to come on site.

The AMS and the Cloud

You heard our device, our pitch, and our features. But your benefits don't stop there. The Access Management Suite, our private cloud and SaaS application platform, goes beyond just support or a network. It takes the functionality of the device and expands on it.

- Scalability for your entire network. Each site and each device connected, without wiring, creating a unified record to build on.
- Rather than a physical connection, utilize internet connectivity and its own cloud applications to synchronize all your data sets.
- Like Internet Banking, access from any connected (mobile/laptop) device, but still feel secure that your pertinent information is in safe hands.
- The guarantee of future features such as Machine Learning, AI, and Big Data analytics. Features that will be able to analyze trends within your unstructured data.



Just to Review.

- Our Access Control provides more security without fear of Pin or Card Sharing, while also providing greater convenience. You can't forget your Face!
- Indisputable time attendance ensuring everyone is paid fairly.
- Cost efficient installation and scalability.
- The reliability of cheap, online maintenance and continual benefits from the AMS Cloud.
- A device that minimizes your organization's support needs into one easy to use system.