



Trends and market research suggest that the access control market is currently enjoying high levels of growth driven by a transition from traditional card based systems to biometrics and Access Control as a Service (ACaaS). These trends are forecast to continue for at least the next 5 years, with the emerging IoT (Internet of Things) being the driving force behind this change.

iPulse Systems Inc. is an innovative manufacturer of fingerprint biometric solutions, including both hardware and software, that has been developing and supplying solutions to the emerging markets for nearly 2 decades. Now based in Irvine, California, iPulse Systems has launched their ACaaS solution to the US market.



The core solution (IQSuite.cloud) is based on next-generation cloud-based physical access control solutions, using biometric verification for increased levels of security as an affordable alternative, or an additional layer, to legacy 485 card systems.

The web service architecture allows for easy integration with other IoT products in facility management and network security, while vastly improving the ease of use in managing remote site environments.

The solution is offered both as a hosted, rented service, or an on-site, purchased black box solution which caters for different security requirements and provides flexibility in managing your budgetary needs of Capex vs. Opex.





IPULSE
IQSUITE.CLOUD PLATFORM

iPulse delivers a biometrics access control solution in a primary growth market that is easy to use, quick to install and affordably priced against existing legacy systems. The system is scalable and can be used as easily in a single door application as it can in a multi-door multi-site environment. The architecture makes it easy to support and is low risk to resellers and/or users with many sites.

KEY ADVANTAGES

- Preconfigured platform is quick to install and intuitive to use
- Flexible costing model – ACaaS or own the appliances
- Biometric identification for higher levels of security
- Competitively priced against less secure card systems
- Real-time reporting by reader, individual or site
- Remote management and control of access rights
- Remote support for most common errors and offline/redundancy functionality
- Can easily integrate with other Internet of Things (IoT) appliances

CORE FEATURES

FLEXIBLE CONTROL OVER YOUR SITES

- The solution allows users to remotely manage access control permissions from anywhere for any user – by door, user or site.
- Allows single token access for visitors and contractors.
- Works on an alerts and exception notifications system so you only worry about the things that are not working as they should.

USER FRIENDLY INTERFACE

- Easy to use dashboard for visual status updates
- Real time downloadable reports for management and time keeping



LOWER TOTAL COST OF OWNERSHIP

- Integrated readers and controllers reduce equipment cost
- No need for expensive servers, software licenses and the associated IT staff to support them
- Flexible ownership options – either rent “as a service” or purchase outright.



IMPROVED SECURITY

- Industry standard/proven security using SSL certificates
- Database encryption by default
- Audited events tracking



BETTER RELIABILITY

- Hosted solution provides redundancy through Azure platform
- Online backups ensure that even complete system loss is recoverable
- Ability for the system to operate in its last saved configuration in an offline state should the internet be down
- Full remote support for most common problems



FULL IoT INTEGRATION CAPABILITY

- Can be easily integrated with other web service applications such as fire systems, alarm panels, camera systems, air conditioners, lighting, etc.
- Can be integrated with existing access control systems via simple wiegand protocols to avoid rip and replace where there are budget constraints



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