



impro technologies®
ACCESS CONTROL



Access Portal **SOLUTION**



www.impro.net

ACCESS CONTROL



The power of Access Portal

Impro Technologies' revolutionary access control management software provides advanced functionality, packaged within a simple to use interface whilst ensuring easy maintenance.

The software provides all the tools you need to securely manage your access control, whether a small business or a large enterprise operation, the system scales with your needs.

Flexible architecture

Adding, upgrading or swapping system components is easy with Access Portal, due to the open architecture. This ensures that the system is completely flexible and scalable to any customers' needs.

Whether installing access control for only a few doors, or many thousands of doors, the same hardware and software is used – providing a great return on investment as one solution meets the growing needs of any operation.

Simply add additional hardware to the installation, coupled with a software license key, and the system is ready to go. No database migration, no data loss and no hassle.

Simple licensing

One single license fee is all it takes to deploy Access Portal.

Should an end user need to upgrade to the next tier, a license key is purchased and the software is immediately unlocked.

In addition, all Access Portal users have the option of ongoing upgrades as additional features are released each year – ensuring a continued return on investment and the ability to adopt leading technologies and security protocols.

Web based

The internet has enabled a technological revolution and this has been integrated into Access Portal.

End users are able to access the system from almost anywhere in the world, through their smartphone, tablet or computer.

This has the benefit of reducing the complexity and time often taken to install management software, as users simply open a web browser to access the system. Gone are the days of having to load software onto each operator and users' computer.



Secure and fast data transfer

A key consideration with any security software is the protection of information.

Through stringent security protocols all communication between devices is encrypted, to protect against hacking or other invasive attacks.

This is not only applicable to the software, but also the hardware – from the reader, through to the backend server, all communication transmissions are secure and encrypted, for peace of mind assurance.

Multi-language support

Ease of use is enhanced by providing free language support, as the software can be translated into a variety of languages. This ensures greater proficiency by operators, as they're able to operate the system in their mother-tongue.

Integrated solutions

Access Portal provides an array of integrations into other security and management platforms.

In addition, the software has an extensive API for custom integrations to third-party solutions for a seamless operation.

Integrated products include:

- Time and attendance
- Video management and CCTV
- Wireless and electronic locks
- Biometrics
- Mobile Access
- Visitor Management

Customisable interface

The management software can be tailored to specific customer needs. This spans from the colour set and logos in the software, to adding additional fields or special actions.

This level of personalisation is almost unrivalled in the industry and enables customers to have a bespoke solution, without the associated high cost.

FEATURE RICH

- Personalised dashboard
- Quick links for common tasks
- Elevator control
- Flexible operator and user profiles, customisable permission options, including field by field
- Secure audit trail
- Bulk operations with wizards
- Integrated badging
- Visual verification of cardholders
- Emergency procedures (threat level)
- Multiple tag encoding options, direct from the software
- Dual and multi-tagging
- Single and multiple site management
- Integrated card printing functionality
- Extensive standard reports, automated reports and customisable



WHO CAN USE ACCESS PORTAL?

The software is designed to meet the needs of any operation wanting to secure their premises, from small businesses all the way to multi-site enterprises.

With over 30 years' experience in the industry, our solutions are suitable for a variety of applications, including:

- Education
- Mining and heavy industry
- Manufacturing
- Commercial and business sectors
- Retail
- Health care
- Banking and financial institutions
- Entertainment and leisure
- Residential estates and gated communities

The flexibility of Access Portal makes it an ideal solution for almost any application, as the adaptability of the software suits any installation, large or small.

Advanced functionality

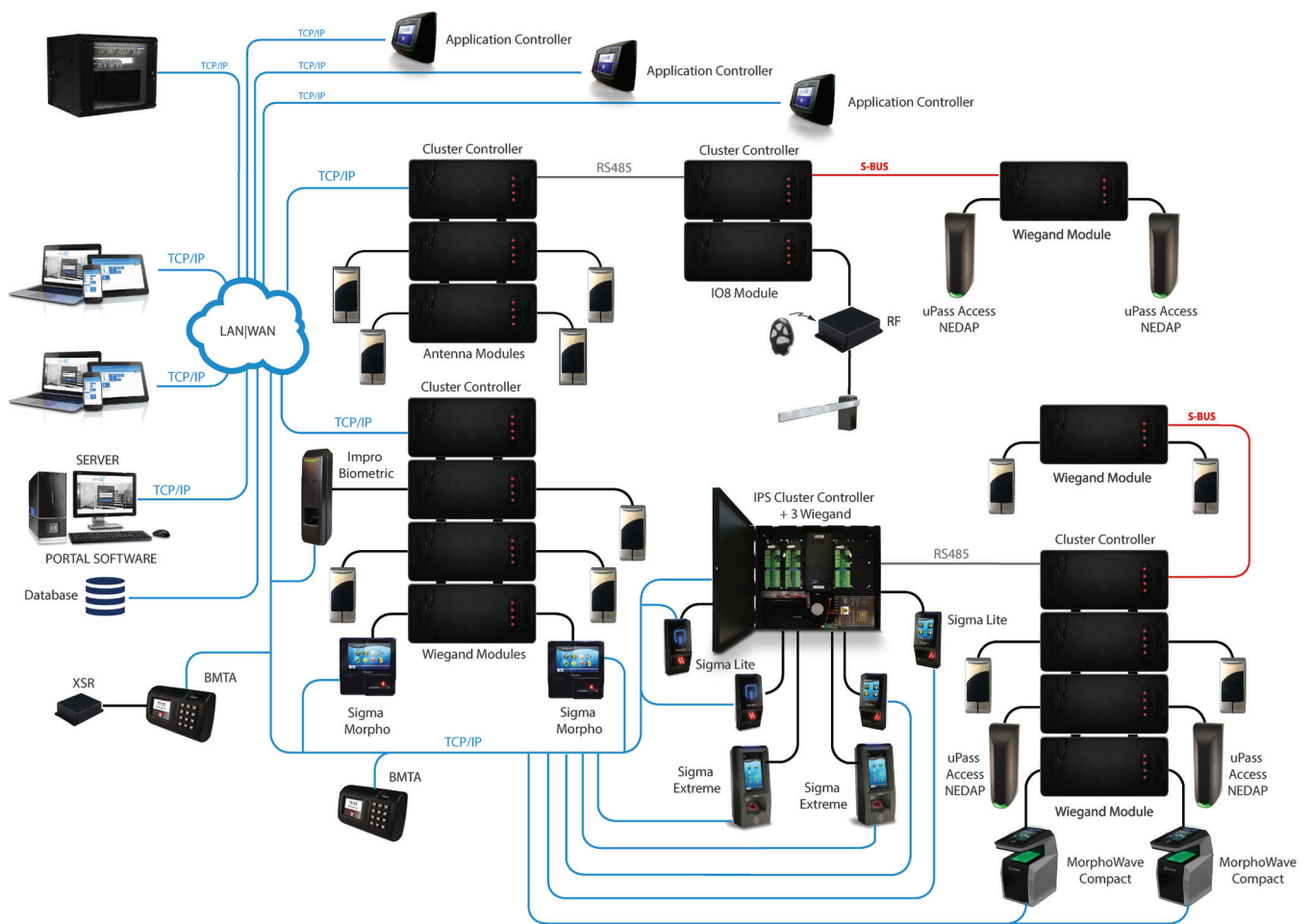
API (Application Programming Interface)

Access Portal comes with an extensive API that enables third-party access to integrate other solutions with the access control software. A key benefit of the API is the ability for developers to query down to a table level, rather than simply the traditional elementary actions.

The API is a fluid document that is upgraded and enhanced by our specialist developers, as new functionality is provided within Access Portal.

Built-in diagnostics

Access Portal includes built-in diagnostics that can be quickly and easily exported to our technical specialists, to ensure any problems encountered are rapidly resolved. This prevents long delays in sourcing the cause of the problem, as well as the integrity of the site as no external access is necessary.



SQL server

The Access Portal software can be installed on a server with the default SQL Server Express or the customer's licensed Standard or Enterprise versions of SQL Server.

Distributed control

Access control configuration and user information is distributed throughout the systems to a series of cluster or iTRT controllers. This ensures both offline functionality and real time access.

Application controller

Access Portal controllers are powerful enough to deal with most scenarios; there is an application controller for enterprise sites requiring the handling of massive volumes of traffic. One application controller can manage.

Clustering

Cluster controllers connect to door and I/O modules in a plug and play, modular fashion.

A single cluster controller can control several modules, including a mix of modules such as OSDP, Wiegand, Antenna and IO8 modules.

Expandable clusters allow for easy and cost effective scaling.

Depending on the customers' needs, cluster controllers and modules come with or without integrated power supply and battery charging in a lockable box.

Reader modules

Each module supports two readers for an easy-to-follow system architecture.

Reader modules support multiple proprietary protocols to interface to the variety of Impro readers available.

Reader modules also support the Wiegand protocol, to allow for the connection of a wide range of third party Wiegand devices.

Tight integration with class leading biometric reader brands ensures that device configuration, enrolment and distribution of templates is seamlessly undertaken in Access Portal.

Controlling booms and gates is also easy using UHF tags and transceivers, license plate recognition or long range readers.



Looking to the future

More than access control

Whilst access control's primary objective is to control access to premises, Access Portal provides additional features that enhance operational objectives, such as health and safety.

For example, through the use of Access Portal, plant machinery can be locked down to only allow qualified personnel to start the equipment.

In safety critical operations, such as mining, personnel can only be allowed to enter the shaft if their safety certificate is valid and all personal protective equipment is assigned to the user.

Integrate specialist biometric devices, such as facial recognition, and mines can be assured that only authorised personnel are able to enter high danger zones.

The integration of breathalysers enables end-users to enforce company policies whereby employees cannot enter the site if the reading is too high, and an alert is received by the relevant management division.

Routine tasks can also be performed automatically, for example, the disarming or arming of an intrusion alarm as employees arrive or depart from work; or sirens being activated during scheduled times of the day for manufacturing environments.

Future proofing

Access Portal users can receive free software upgrades through the year, which incorporates a variety of new features and technological advances, such as the integration of new global secure card technologies, or the deployment of cloud solutions where on-site server equipment is no longer needed.



Why choose Impro Technologies?

Technical experts

We have an extensive range of technical specialists to assist in both pre- and post sales guidance. From field application engineers, to a specialist client services division, our focus is on providing customers with the support they need to succeed.

This extends to technical support which is available 24-hours a day, 7 days a week. In addition, personalized on-site support is available for customers worldwide.

Accredited training

Our dedicated training centres provide an extensive range of accredited training in all aspects of access control. To ensure the effective installation of Access Portal, it is recommended that customers request a copy of the installers accreditation certificate, which signifies the individual has completed Impro's training.

In addition to our training centres, we offer on-site training at customers' premises globally.

Warranty and repairs

As the manufacturer, we are able to offer a variety of warranty options for customers, including up to five years for hardware. Our manufacturing facility also provides a repair service for products outside of warranty, which is cost effective and ensures the ongoing use of the product.

Quality

We pride ourselves on our quality, not just of products but also personal service. Relationships with customers and distributors span many decades, whilst our products are tried and tested around the world, with many installations still operating successfully over 20 years later.

In those rare instances that you experience a problem, you can be assured that Impro will not rest until it is suitably resolved – whether it's a technical support query or a product issue.

Proudly South African

Founded in South Africa in the late 1980s, we are exceptionally proud of our heritage. Today, our operations continue to be based in Durban, South Africa, encompassing R&D, engineering and manufacturing.

Having all our design and production within one facility has the additional benefit of complete control over every step of the process, to ensure our standards are maintained.

For customers, it provides the additional benefit of flexibility in turnaround times, as we are able to quickly scale up our manufacturing facilities to meet exceptional demand.



Impro Technologies has
over 30 years' experience in
the access control industry

HQ tel: +27 (31) 717 0700
Email: info@impro.net
Web: www.impro.net