



ASSA ABLOY

IMPRO TECHNOLOGIES

PRIMO SOFTWARE

www.impro.net

ACCESS CONTROL



The next level of Access Control

Primo is Impro Technologies' new access control software solution, tailored specifically for small to medium businesses. It seamlessly integrates with Impro Technologies' access control portfolio, as well as third-party hardware. It is intuitive, customisable, and scalable, making it ideal for customers who want sophisticated access control that is easy to use, and who want to start small but have the option to grow their systems over time. Primo is designed with security in mind, featuring end-to-end encryption for maximum control and peace of mind.

INTUITIVE USABILITY

Impro Technologies' Primo is designed with usability in mind. The wizards guide users through every step of the configuration and onboarding workflows, making the software easy to master and a pleasure to use.

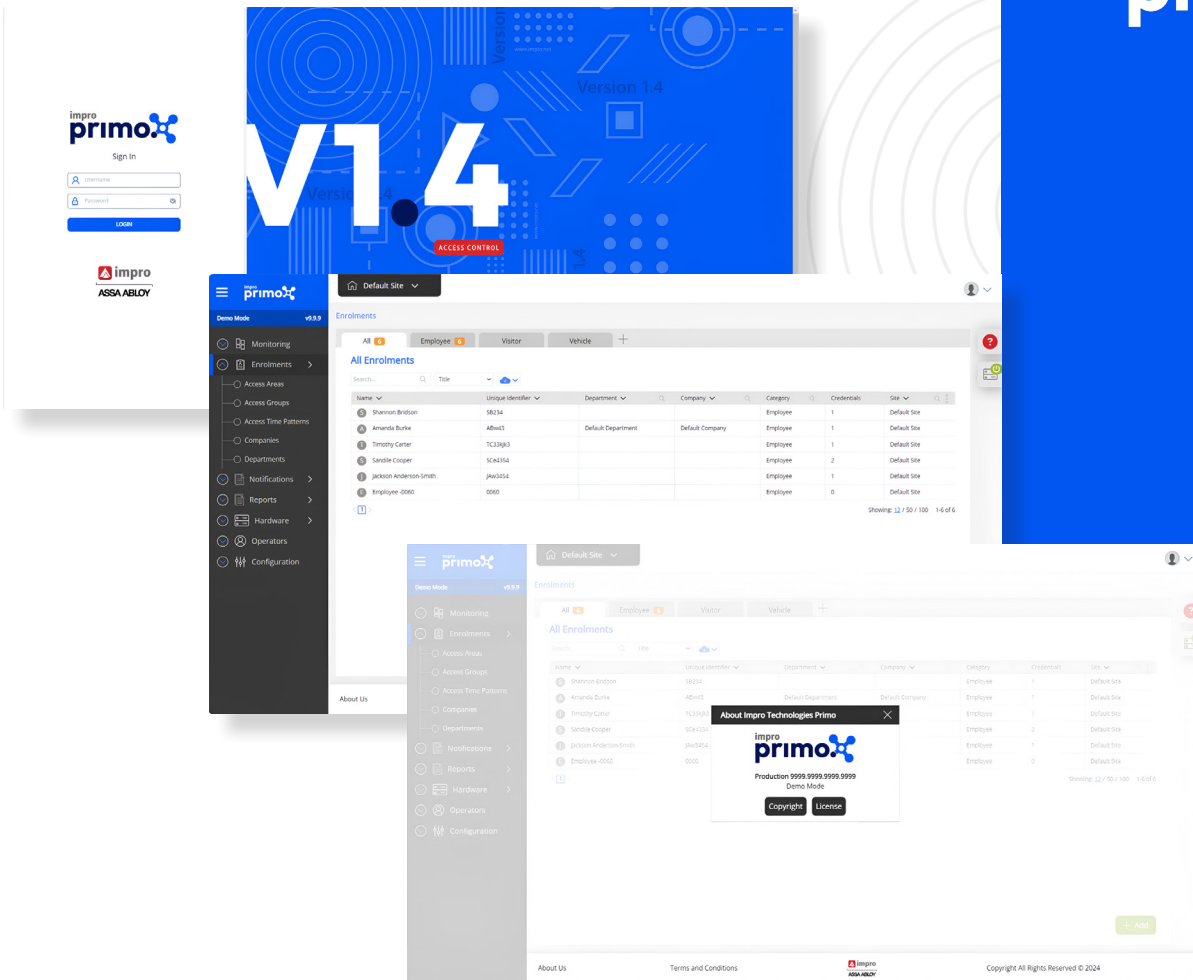
CUSTOMISABLE SET-UP

Primo allows users to change how they see and interact with their access control data. Operators can change table views so that they always see only what is most relevant in any view. All information can then be downloaded in the form of a report.

Users have the power to create customised credential holder types, with unique attributes for each vertical. Primo thus adapts neatly and comfortably to each user's bespoke requirements.

SCALABILITY

Primo is the ideal access control solution for small to medium enterprises, fitting in effortlessly with operations across systems ranging in size from one to 100 doors. It also grows and adapts to suit the changing needs of your business. Continued on next page..



You can start small and then grow your systems and integrations over time. The software provides a free application programming interface (API) to facilitate simple integration into other systems and services.

FULL OFF-LINE VALIDATION

Impro Technologies' Primo provides full redundancy and peace of mind by allowing for uninterrupted validation and access control, even when door controllers go offline. During on-line operation, Primo's system controllers transfer their decision-making information to door controllers. This means that, when door controllers go offline, they can validate credential holders independently until the network recovers again.

FLEXIBLE HARDWARE ARCHITECTURES

Primo supports both clustering and distributed models of door management. Clustering is a centralised access control system in

which doors are all managed at a central point. A distributed model involves the installation of Impro's iTRT2 controllers at each door. Choose the option that works best for you.

MOBILE ACCESS & BIOMETRICS

Primo works seamlessly with mobile access and biometric hardware. It supports HID mobile access, finger and face biometrics with Idemia and Control ID.

MULTI-SITE

Primo makes it straightforward to manage and control a system that spans multiple sites or branches. You will first need to ensure that all your sites or branches are compatible with Impro Technologies' Primo.

Once you confirm compatibility, you can then leverage Primo's central management and control features to streamline your operations and improve efficiency.

PRODUCT FEATURES:

- Web-based
- Intuitive UX
- Customisable
- Scalable
- Secure
- Offline validation
- Mobile access
- Biometrics
- Flexible architecture
- Convenient hardware presets



WHO CAN USE PRIMO SOFTWARE?

Impro's Primo software is ideally suited for small to medium businesses, with an application of up to 100 doors.

SECURITY

Security professionals can use Primo with confidence, knowing that their entire access control system is secure from end to end. This is thanks to Primo's secure architecture, credential support and ability to facilitate Open Supervised Device Control (OSDP) between controllers and readers.

WEB-BASED USER INTERFACE

Once you have set up Impro's Access Portal, there is no need to install and maintain the software on client machines. There are also no licensing restrictions, and no limit to the number of clients who can run the software.

REPORTING

Primo offers a wide range of reporting options to help you gain insights from your data. Whether you need to run a pre-defined report or create a custom one, Primo has you covered. You can choose from multiple pre-defined reports, which cover a variety of data sets. Alternatively, you can create your own reports using the filters from any table on the Primo interface.

PRESETS

When managing larger installations, Primo provides the ability to define presets that can be applied holistically to several access control devices at the same time. There is therefore no need to enforce new changes across an entire system.

MASS ASSIGNMENT

Primo offers users the ease of efficiently assigning attributes to a large number of credential holders, readers, and more, enabling swift, bulk modifications to expedite system configuration.

AUDITING

Primo provides an audit log for every credential holder, enabling comprehensive tracking of applied changes, user actions within the software, and a timestamp for each modification.



FORTHCOMING FEATURES

NOTIFICATION

Primo's notification system empowers users to schedule and automate the sending of pre-defined reports to designated email recipients. Notifications can also be set up to alert users about specific access control events and system operations. This functionality enhances flexibility and control for site managers and enables swift responses to selected events.

DASHBOARDS and WIDGETS

Primo gives users the capability to design a personalised dashboard featuring their chosen widgets. They can then monitor doors, track users, remotely open doors, identify lost or stolen credentials, and activate emergency or lockdown modes for the site.

ANALYTICS

Interactive visual reports deliver essential data to system administrators, offering insights on occupancy levels, absenteeism, door traffic volumes, and device connectivity.

RELATIONSHIP BASED ACCESS CONTROL

Primo enables entry and exit management by validating the correct association of entities, and verifying their access rights, before granting entry or exit at the designated access point.

FLOOR PLANS

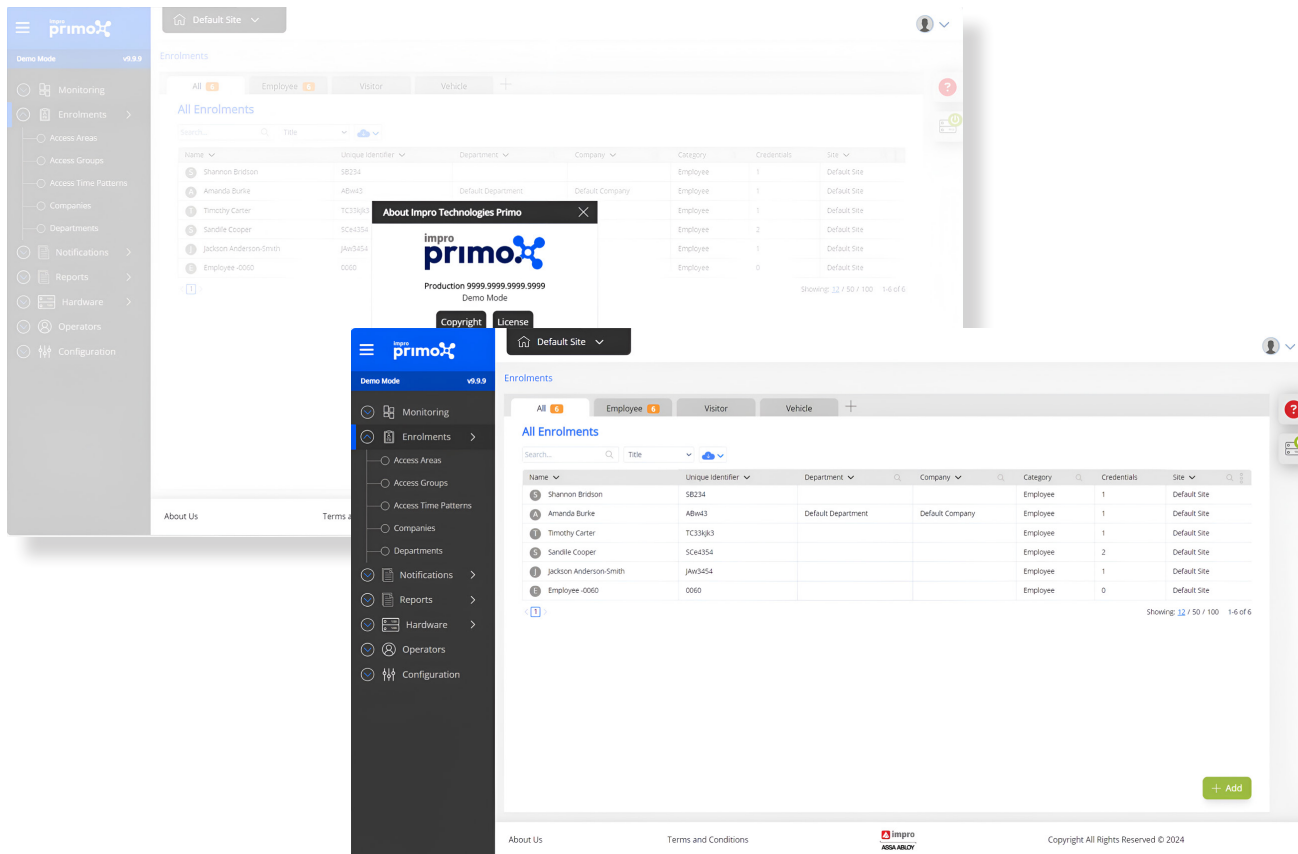
Primo facilitates visual site or system management through floor plans that clearly illustrate access control equipment and other integrated hardware, and their relation to one another at the relevant site - or across multiple sites. Users can create graphic representations of buildings and floors, with associated plans, enhancing the ability to monitor and manage threats and alarm conditions effectively.

ACCESS VALIDATION

Primo enables entry and exit management by validating the correct association of entities.

Forthcoming Features (2024):

- Notifications
- Dashboards and Widgets
- Analytics
- Relationship-based access control
- Floor plans



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 specialised 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, personalised on-site support is available for customers worldwide.

ACCREDITED TRAINING

Our dedicated training centres provide accredited training in all aspects of access control. To ensure the effective installation of all our hardware and software solutions, it is recommended that customers request a copy of the installer's accreditation certificate, which proves that the individual has completed the official Impro Technologies training, and is qualified to install and maintain our solutions.

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 allowing us complete control over every step of the process, to ensure that our standards are maintained. For customers, this means flexible turnaround times, as we are able to scale up our manufacturing facilities quickly and efficiently to meet exceptional demand.

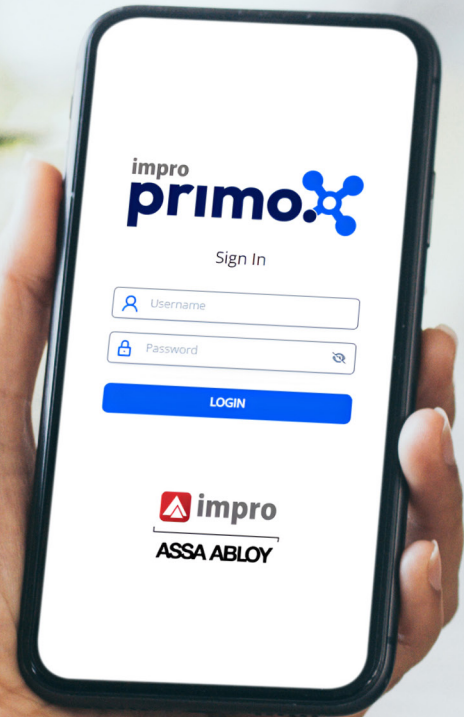
WARRANTY AND REPAIRS

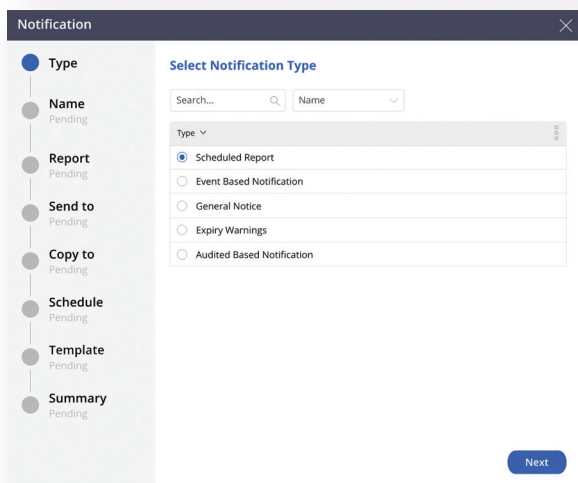
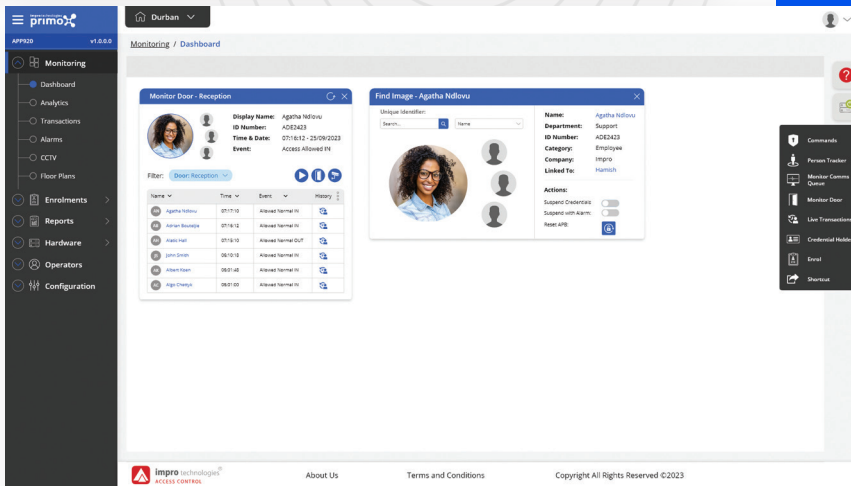
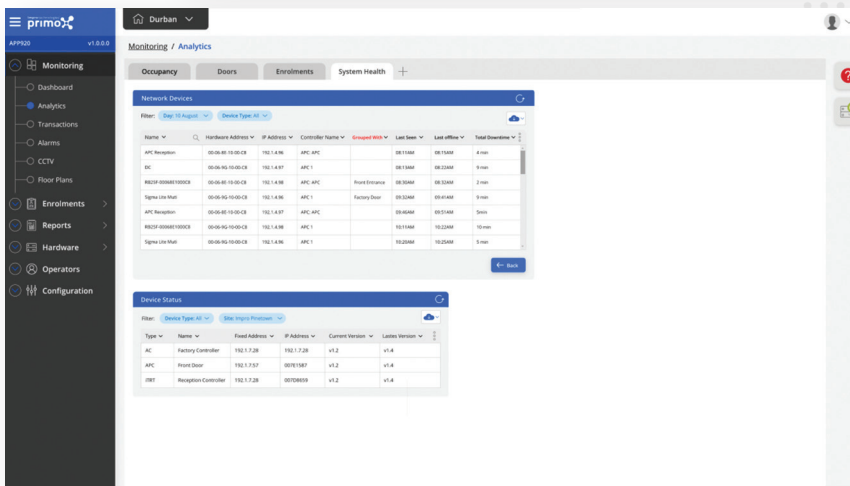
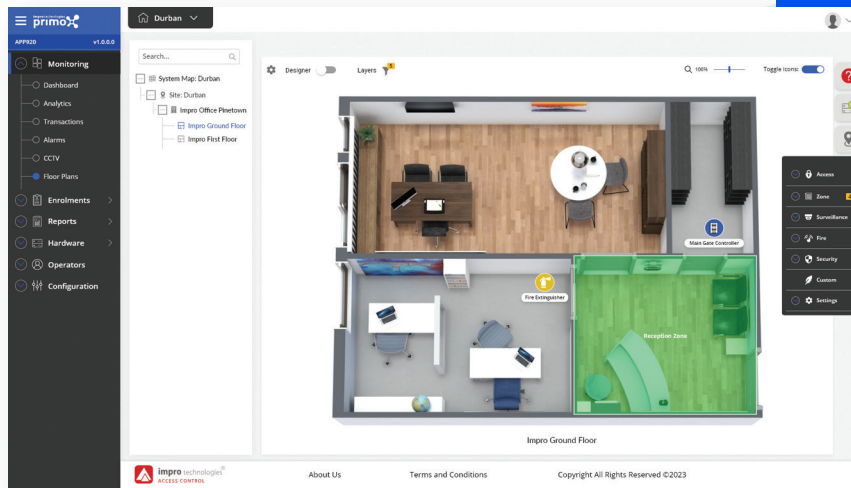
As a manufacturer, we can offer a variety of warranty options for customers, including up to five years for hardware. Our manufacturing facility also provides a repair service for products outside of warranty, which is cost-effective and ensures the

longevity of the product.

QUALITY

We pride ourselves on the quality, not just of our products, but also our personal service. We have nurtured relationships with customers and distributors that span many decades. 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.





Convenient security.
Convenient control.

Compatible Impro products



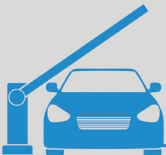
SERVER MACHINE

- Centralised Database
- Virtual Server Compatible
- Base Application and centralised web server and device control



ENROLMENT

- Operator Security
- Tag, Biometric and Facial Enrollments
- Multi user concurrent enrollment
- Mobile Credentials



SECURITY

- Multitude of Physical access control options
- Door & Lift Control
- Turnstile and Booms and more



CONTROL ROOM

- Graphics Runtime
- Live site and transaction monitoring
- Reader \ Device control from software

Enterprise (Increased limits and integration)

TCP/IP



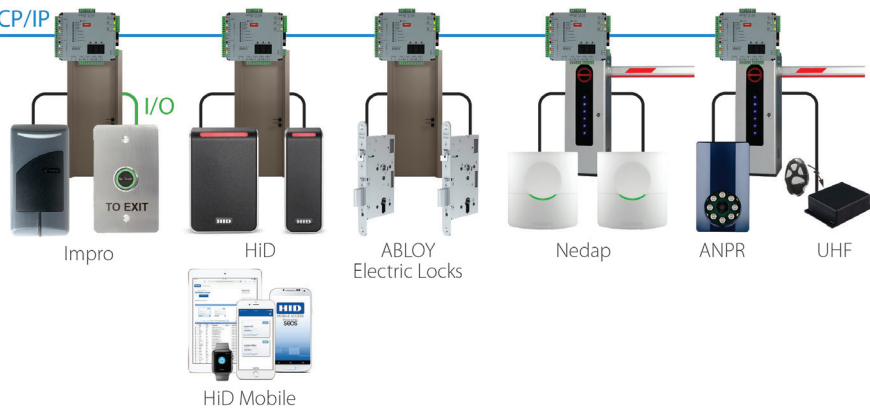
Clustering architecture (Cabling to central point)

TCP/IP



Distributed architecture (Door controller at each door)

TCP/IP



Convenient security.
Convenient control.

Convenient security. Convenient control.



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

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