impro

ASSA ABLOY

impro PRIMO

IMPRO TECHNOLOGIES

PRIMO
SOFTWARE

SECURE: Developed from the ground up to provide security and privacy

CONTROL: Local or remote multi-site management from one central platform

INTUITIVE: Easy-to-use interface with convenient wizards and context-sensitive help guides

CUSTOMISABLE: User-defined views and reports

SCALABLE: Designed with the future in mind, allowing for growth and integration

The next level of Access Control

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 from one to 100 doors. It also grows and adapts to suit your business's changing needs. 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 uninterrupted validation and access control, even when door controllers go offline. During online operations, 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.

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: Impro Technologies' Primo works seamlessly with mobile access and biometric hardware. It supports HID Mobile Access, finger and face biometrics with Idemia and Control ID.

WHO SHOULD USE PRIMO?

Primo is ideally suited for small to medium businesses with less than 100 doors.

PRODUCT FEATURES:

- Web-based
- Intuitive UX
- Customisable
- Scalable
- Security
- Off-line validation
- Mobile access
- Biometrics
- Flexible architecture
- Notifications
- Dashboards and Widgets
- Analytics
- Relationship-based access control

Forthcoming Features:

- Floor plans

ACCESS CONTROL

SPECIFICATIONS
PRIMO

	Ideal for new installations IMPRO TECHNOLOGIES **PRIMO** V1.x	Perfect for existing installations ACCESS PORTAL **BASIC** V5.x
INTEGRATIONS		
API	Yes	No
Idemia Biometrics	Yes	Yes
Control-ID Biometrics	Yes	Yes
Aperio Locks/Ip Hub (Enterprise Controller Required)	Yes	Yes
HID Mobile Access	Yes	Yes
Hikvision Facial	No	Yes
Suprema Facial	No	Yes
HARDWARE SUPPORT		
Distributed Controller	Yes	Yes
Cluster Controller	Yes	Yes
Enterprise Controller	Yes	Yes
Impro OSDP Readers (MDR-SE)	Yes	Yes
Impro Wiegand Readers (MDR & MDR-SE Variants)	Yes	Yes
Idemia Facial, Wave And Fingerprint Readers	Yes	Yes
Control-ID Facial And Fingerprint Readers	Yes	Yes
Hikvision Facial Readers	No	Yes
Suprema Facial Readers	No	Yes
SOFTWARE FEATURES		
Single Site Management	Yes	Yes
Multi-Site Management	Yes	No
Operator Security	Yes	Yes
Enrolment	Yes	Yes
Custom Credential Holder Types	Yes	Yes
Custom Fields	Yes	Yes
Credential Holder Import	Yes	Yes
Access Groups, Areas & Access Time Patterns	Yes	Yes
Anti-Pass Back & Zone Routing	Yes	Yes
Door Management	Yes	Yes
Device Time Patterns	Yes	Yes
Transaction Monitoring	Yes	Yes
Alarm Monitoring	Yes	Yes
Hardware Monitoring	Yes	Yes
Translations	No	Yes
Audit log	Yes	Yes
Mass Assignment	Yes	No
Presets	Yes	Yes
REPORTS		
Data Export From Every User View/Table	Yes	No
Dedicated Reports	Yes	Yes
Person/Asset Report	Yes	Yes
Absenteeism Report	Yes	Yes
Hours Worked Report	Yes	Yes
Zone Occupancy Report	Yes	Yes
Expired Credentials Report	Yes	Yes
Transaction Report	Yes	Yes
Areas Report	Yes	Yes
Holiday Report	Yes	Yes
Audit Report	Yes	Yes

Level Applied	Category	APC Max	EC Max*	Demo mode	APP905	APP910	APP915	APP920	APP930	APP935	APP940	APP945	APP950	APP955	APP960	APP965	APP970
Per System	**Sites**			1	1	2	5	10	25	25	250	250	250	250	250	250	250
	Credential holders			10	200	500	1000	2000	5000	125000	250000	250000	250000	250000	250000	500000	1000000
	Credentials			**10**	**200**	**500**	**1000**	**2000**	**5000**	**250000**	**250000**	**250000**	**500000**	**1000000**	**1000000**	**1000000**	**1000000**
	Access Groups			5	50	100	100	200	500	125000	250000	250000	500000	1000000	1000000	1000000	1000000
	Controllers			1	10	20	30	50	100	200	250	250	500	500	750	1000	1000
	Doors			**2**	**10**	**20**	**30**	**50**	**100**	**200**	**500**	**1000**	**1500**	**2000**	**2500**	**5000**	**10000**
	User Logins			1	unlimited	unlimited	unlimited	unlimited	unlimited	unlimited	unlimited	unlimited	unlimited	unlimited	unlimited	unlimited	unlimited
	Holidays	64	64	64	64	64	64	64	64	64	64	64	64	64	64	64	64
	Expiry Reasons	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30
	API bundled	N/A	N/A		Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Per Site	Credential holders	10000	1,000,000	10	200	500	1000	2000	5000	5000	10000/35000	10000/50000	10000/75000	10000/100000	10000/250000	10000/500000	10000/1000000
	Credentials	**10000**	**1,000,000**	**10**	**200**	**500**	**1000**	**2000**	**5000**	**10000**	**10000/35000**	**10000/50000**	**10000/75000**	**10000/100000**	**10000/250000**	**10000/500000**	**10000/1000000**
	Access Groups	10000	10000	5	50	100	100	100	200	5000	10000	10000	10000	10000	10000	10000	10000
	Controllers	200	248	1	10	20	30	50	100	200	200	200	200	200	200	200	200
	Common Zones	64	64	1	10	20	30	50	64	64	64	64	64	64	64	64	64
	Zones	64	64	1	10	20	30	50	100	200	500	1000	1500	2000	2500	5000	10000
	Doors	**64**	**64**	**2**	**10**	**20**	**30**	**50**	**100**	**200**	**500**	**1000**	**1500**	**2000**	**2500**	**5000**	**10000**
	Time Triggered Actions	512	512	1	10	20	30	50	100	200	200	200	200	200	200	200	200
	Holidays	64	64	1	60	60	60	60	60	60	60	60	60	60	60	60	60
	Access Time Patterns	128	128	2	128	128	128	128	128	128	128	128	128	128	128	128	128
	Device Time Patterns	250	250	1	250	250	250	250	250	250	250	250	250	250	250	250	250
	Lifts	N/A	N/A	1	10	10	10	10	10	50	50	50	50	50	50	50	50
	Floors per lift	N/A	N/A	2	10	10	20	40	40	80	80	80	80	80	80	80	80
	Long Messages	200	200	200	200	200	200	200	200	200	200	200	200	200	200	200	200
	Visitor Follow Me	1500	1500	50	50	50	50	50	50	50	50	50	50	50	50	50	50
Per Credential Holder	Credentials	10000	1000000	2	25	25	25	25	25	25	25	25	25	25	25	25	25
	Access Groups	25	255	2	25/100*	25/100*	25/100*	25/100*	25/100*	25/100*	25/100*	25/100*	25/100*	25/100*	25/100*	25/100*	25/100*
	Expiry Reasons	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10
Per Controller	Zones	64	64	64	64	64	64	64	64	64	64	64	64	64	64	64	64
	Doors	64	64	64	64	64	64	64	64	64	64	64	64	64	64	64	64
	Readers	64	64	64	64	64	64	64	64	64	64	64	64	64	64	64	64
	Modes	64	64	64	64	64	64	64	64	64	64	64	64	64	64	64	64
	Event-action combinations	8000	8000	8000	8000	8000	8000	8000	8000	8000	8000	8000	8000	8000	8000	8000	8000
	Associated outputs	512	512	512	512	512	512	512	512	512	512	512	512	512	512	512	512
	Associated inputs	512	512	512	512	512	512	512	512	512	512	512	512	512	512	512	512
Per Common Zone	Zones	32	32	32	32	32	32	32	32	32	32	32	32	32	32	32	32
	Doors	64	64	64	64	64	64	64	64	64	64	64	64	64	64	64	64
Per Door	Readers	3	3	2	2	2	2	2	2	2	2	2	2	2	2	2	2
Per Reader	Door Mode Patterns	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8
Per Lift	Floors	N/A	N/A	2	10	10	20	40	40	80	80	80	80	80	80	80	80
	I/O modules	13		13	13	13	13	13	13	13	13	13	13	13	13	13	13
Per Floor	Inputs	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20
Per Access Group	Actions	10	20	10	10/20*	10/20*	10/20*	10/20*	10/20*	10/20*	10/20*	10/20*	10/20*	10/20*	10/20*	10/20*	10/20*
	Entry Actions	5	10	5	5/10*	5/10*	5/10*	5/10*	5/10*	5/10*	5/10*	5/10*	5/10*	5/10*	5/10*	5/10*	5/10*
	Exit Actions	5	10	5	5/10*	5/10*	5/10*	5/10*	5/10*	5/10*	5/10*	5/10*	5/10*	5/10*	5/10*	5/10*	5/10*
Per Event	Actions	25	128	25	25/128*	25/128*	25/128*	25/128*	25/128*	25/128*	25/128*	25/128*	25/128*	25/128*	25/128*	25/128*	25/128*
Expiry Reason		N/A	N/A	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes

*Higher limit when enterprise controller in use