

Platform Description	SAN	SVN	RFnet	BLUEnet	KS
Description	Stand Alone Network where the PPD transfers data between the lock and database.	Salto Virtual Network is a true data on card system where the user credentials are updated at online locks and those updates are passed on to the offline locks by the credential.	Wireless communication using the ZigBee (IEEE 802.15) energy management protocol and allows real-time control, monitoring and reporting. Provides real-time control for Wide Body, AElement, and GEO locks.	Bluetooth communication (4.1) using allows real-time control, monitoring and reporting. Provides real-time control for Mini, AElement, Fusion and NEO locks. Allows users to use their smartphones as their credential.	Cloud based access control system designed to give the administrator control from their smartphone, tablet, or PC and without system network requirements.
Most Commonly Used	where the end user budget is the greatest concern	where controlled access and audit trails are desired	when real-time control of openings of these openings.	such as lockdown and monitoring	when the system admin wants to provide remote access to a user
examples	<i>churches that have too many brass keys in circulation</i>	<i>multi-family and assisted living facilities that want to grant differing access rights and capture event history</i>	<i>education facilities, some areas of healthcare facilities, and high security facilities</i>		<i>commonly found in retail and rental properties</i>

Locking Hardware					Environment
Wide Body	●	●		●	Indoor & Outdoor
Mini	●	●		●	Indoor Only
AElement	●	●	●	●	Indoor Only
Fusion	●	●		●	Indoor Only
GEO	●	●	●		Indoor Only
NEO	●	●		●	Indoor & Outdoor
Exit Trim	●	●	●	●	Indoor & Outdoor
Storefront	●	●		●	Indoor & Outdoor
Glass Door Lock	●	●	●	●	Indoor Only
Locker Lock	●	●		●	Indoor Only

Local Network (Server) - Required Components

Wall Reader		●			
Control Unit		●			
Gateways			●	●	
Nodes			●	●	
PPD	●	●	●	●	
NCoder	●	●	●	●	

Local Network (Server) Software Modules

SPACE-OPT-0021			●		
SPACE-OPT-0033				●	

Cloud - Required Components

Wall Reader					●
Control Unit					●
IQ Hub					●
Voucher					●

Credentials

Card	●	●	●	●	●
Wristband	●	●	●	●	
Key FOB	●	●	●	●	●
Mobile (iOS & Android)				●	●

Infrastructure Design

Users		4 Million			Unlimited
Openings		65,000			Unlimited
Nodes per Gateway & Readers per Control Unit		One primary CU and four auxiliary CU per IP. Each CU controls 2 readers.	One Gateway and six nodes per IP. Each controls 16 openings (112 openings per IP)	BLUEnet - same as RFnet SVN+Flex - 2 flex locks per node and a total of 10 flex locks per gateway	