Specifications and Requirements for SIMS V6

System capabilities

System capabilities	Maximum	Description
Systems per Server	999	The maximum number of Systems (NOX CPU's) connected to a Server
Clients per Server	25	The maximum number of Clients that can connect to a Server at once
Inputs and outputs	Unlimited*	Total number of inputs and outputs from NOX CPU's
Areas	Unlimited*	Total number of areas from NOX CPU's
Log entries	Unlimited*	Only dependent of SQL Server capacity
SIMS Users	200'000	Total number of users when using SIMS Code management.
SIMS User profiles	Unlimited*	
Active users per. CPU	===>	CPU V4 (T30): 100'000 CPU V3 (PXA320): 10'000 CPU NX1 (VF50): 1'000

* Limited by server / client resources only

Soft- and Hardware requirements

SIMS Server	
CPU	Minimum Intel Core i7 or equivalent. Xeon CPU is recommended
vCPU (VMWare/Hyper-V)	Minimum 2 cores and 8 GB RAM, dedicated.
Memory (RAM)	Min. 8 GB. Recommended 16 GB
Operating System	Windows OS. Recommended Windows Server 2012(R2) or later
SQL Server Std/Ent	SQL Server 2014 or later
SQL Server Express	SQL Server 2014 or later, Max. 20 CPU's due to limits in SQL Server Express (10GB space and only single CPU Core function)

SIMS Client	
CPU	Minimum Intel Core i3 or equivalent.
Memory (RAM)	Min. 4 GB, Recommended 8 GB
Operating System	Windows 7 or later
Screen Resolution	Min. 1280 x 1024

Supported Systems

Burglar- and Access Control

Product	Type	Description
NOX System	Combined Burglar and Access Control System	Full integrated system from NOX System versions R5 and higher (+9.65)

Generic Systems

Product	Type	Description
ESPA 4.4.4	General module/protocol	ESPA 4.4.4 module with which fault messages from an external system via ESPA 4.4.4 protocol can be adopted

Alarm transmission

The following supplementary technologies are supported natively. Alarm transmission to an Alarm Monitoring Service (Alarm Receiving Station) must be handled directly on a NOX CPU.

Product	Type	Description
Email	Alarm transmission	Alarm transmission per Email through Microsoft Outlook
HTTPS	Alarm transmission	Alarm transmission through HTTPS Protocol to an Alarm Receiving Server
SMS	Alarm transmission	Direct Alarm transmission through SMS (Modem with SIM Card)
ESPA 4.4.4	Alarm transmission	Alarm transmission to Alarm Server through ESPA 4.4.4 Protocol