

OnGuard® Enterprise System

OnGuard ENTMAS or ENTMAS-LT Server

OnGuard Servers	PC Server Model	General Description
OnGuard ENTMAS and ENTMAS-LT	PC-CONFIG-5	Dell® PowerEdge R450 Server, 1U Rackmount, Intel Processor, minimum 32GB memory, minimum 1.8TB HD
SWS-ENTREG1 or SWS-ENTREG-LT	PC-CONFIG-5	Dell PowerEdge R450 Server, 1U Rackmount, Intel Processor, minimum 32GB memory, minimum 1.8TB HD
SWS-ENTREG-SM	PC-CONFIG-3	Dell Precision 5860 XL Tower, Intel Processor, minimum 32GB memory, minimum 512GB SSD, Video Card
SWS-ENTREG-SM	PC-CONFIG-4	Dell Precision 7960 XL Rack, Intel Processor, minimum 16GB memory, minimum 512GB SSD, Video Card

Redundancy Options

NEC ExpressCluster® X R4.x or R5.x Disaster Recovery Software
Microsoft Server Failover Cluster 2016-2022

Standard Features

- First year Software Upgrade and Support Plan (SUSP) included
- Browser-based LenelS2™ Console application dashboard
- Browser-based OnGuard Users client for system administration
- Alarm Monitoring
- MapDesigner
- System Administration
- VideoViewer (video only, web)
- CCTV interface
- eMail interface
- Event logging
- Anti-Passback
- Guard tour
- Support for BlueDiamond™ mobile credentials



Browser-Based Applications

- Monitor & Credentials bundle
- Access Manager
- Surveillance
- Reports and Dashboards
- Users
- Visitor
- WATCH (Web Access Trending & Comprehensive Health)
- Cardholder Self Service
- Policies
- Behaviors
- Hardware

Software (Optional)

- Visitor Self Service
- Area Access Manager
- DataConduit™
- ID CredentialCenter
- Visitor IDVM
- Data Exchange
- FormsDesigner
- Biometrics / Smart Cards
- Fire panel support
- Intrusion panel support
- Business card / Driver's license / Military ID / Passport scanning
- Elevator integration
- Intercom
- Mustering
- Terminal services support
- Database segmentation
- Redundant Server Licensing

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OnGuard Enterprise Client

PC Client Models	General Description
PC-CONFIG-6	Dell QCS1250, Small Form Factors, Intel Processor, minimum 16GB memory, minimum 512GB SSD, Onboard Video interface
PC-CONFIG-7	Dell Precision 5860 XL Tower, Intel Processor, minimum 32GB memory, minimum 2TB SSD, Video Card

OnGuard System Capacities

Type of System	MASTER		SWS-ENTREG-SM	REGION	
	SWS-ENTMAS-LT	SWS-ENTMAS1		SWS-ENTREG-LT	SWS-ENTREG1
Holidays / Time Zones (per segment, each)	255	255	255	255	255
Alarm Inputs / Outputs	Unlimited*	Unlimited*	Unlimited*	Unlimited*	Unlimited*
Access Levels (per segment)	32,000	32,000	32,000	32,000	32,000
Max Number of Regions Allowed	8	10	N/A	N/A	N/A
Reader Capacity Base	64	128	16	64	128
MAX Reader Capacity Per System / Upgrade Part	512 (PRO-64RUP)	Unlimited* (PRO-64RUP)	32 (REGSM-16RUP)	256 (64ADV-64RUP)	Unlimited* (PRO-64RUP)
MAX Client Workstations	10	Unlimited*	5	10	Unlimited*
MAX Browser Clients	10	Unlimited*	5	10	Unlimited*

*The OnGuard System offers scalability that is only limited by the physical limitations of your system size.

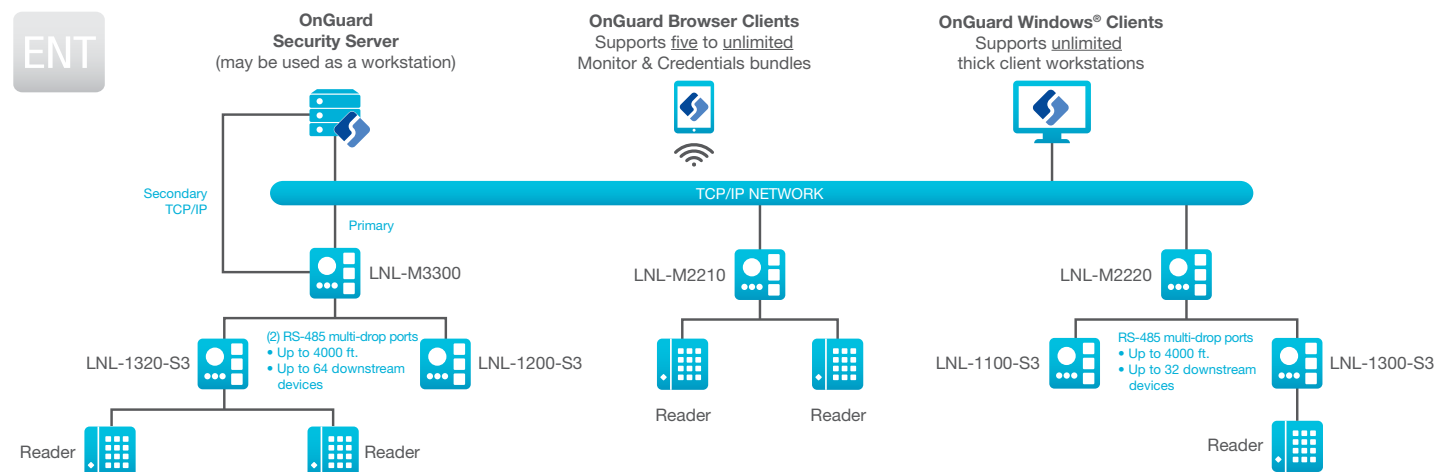
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Type of System	SWS-ENTMAS-LT	SWS-ENTMAS1	SWS-ENTREG-SM	SWS-ENTREG-LT	SWS-ENTREG1
Types of Thick Clients Allowed (clients start with SWC)	ADV, IDADV & ADVI	ADV, IDADV & ADVI	32ES & IDES & 32ESI	ADV, IDADV & ADVI	ADV, IDADV & ADVI
MAX Readers allowed per entire Enterprise System**	512	Unlimited*	N/A	N/A	N/A
SQL Server Standard Edition & Enterprise Edition Support***	Unlimited*	Unlimited*	Unlimited*	Unlimited*	Unlimited*
Recommended # of Cardholders	50,000 (max)	Unlimited*	25,000 (max)	50,000 (max)	Unlimited*
Oracle® Support***	Yes (SWG-1295)	Yes (SWG-1295)	Yes (SWG-1293)	Yes (SWG-1293)	Yes (SWG-1293)
Redundant or Fault Tolerant Support Part Number	SWS-ENTMAS-LT-REDU	SWS-ENTMAS1-REDU	SWS-ENTREG-SM-REDU	SWS-ENTREG-LT-REDU	SWS-ENTREG1-REDU
VMWare® Support***	Yes	Yes	Yes	Yes	Yes
Citrix® Support (SWG-1370)	Yes	Yes	Yes	Yes	Yes
Database Segmentation Support (SWG-1240)	Standard	Standard	Standard	Standard	Standard
Base SUSP Part Number	SUSP-W-EN-LT	SUSP-W-ENT	SUSP-W-ENT-SM	SUSP-W-ENT-REG	SUSP-W-ENT-REG

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**System-level MAX that includes the sum of all readers in the Enterprise. For example: Starting with an ENTMAS-LT master server with 2 ENTREG-LT regional servers = 192 readers (64 readers per server by default). Expand an additional 320 readers before having to upgrade to an ENTMAS1 with unlimited reader support.

*** See compatibility chart for full list of Databases, Operating Systems and VMWare versions supported by OnGuard



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UL-Listed Enclosures and Power Supplies

LNL-CTX	Enclosure with lock and tamper switch, supports up to two (2) field hardware devices (12" x 16" x 4.5")
LNL-CTX-6	Enclosure with lock and tamper switch, supports up to six (6) field hardware devices (18" x 24" x 4.5")
LNL-AL400ULX	12VDC 4A output, 120VAC (1.6 amps) input, continuous supply current with enclosure (18" x 24" x 4.5"), lock/tamper switch, UPS capable (battery optional)
LNL-AL600ULX-4CB6	12VDC 6A output, 120VAC (1.6 amps) input, continuous supply current with enclosure (12" x 16" x 4.5"), power distribution module, lock and tamper switch, UPS capable (battery optional)

OnGuard Server Upgrades

Part #	Path
UPS-SMREG	ENT Regional SM server to ENT Regional Lite Server
UPS-LTREG1	ENT Regional Lite server to ENT Regional Server
UPS-LTMAS1	ENT Master Lite Server to ENT Master Server

Peripheral Hardware

Direct Card Printer Support

OnGuard® supports the following printer brands: Zebra®, MAGICARD®, NISCA®, and Fargo®. Specific models support inline iCLASS®, MIFARE®, and magnetic stripe encoding.

LenelS2 USB Image Capture Kit

This kit includes a high resolution CCD (NTSC or PAL) camera with software zoom capabilities, a fully-synchronized cool white built-in flash, a tripod system with a powered base, TWAIN-compliant software, a USB communication cable and a universal power cable. The camera is USB 2.0-compliant, producing high resolution live video for image capture using the OnGuard ID CredentialCenter application (any badging client or mobile badging station). The built-in flash illuminates both video fields evenly.



[LenelS2.com](https://www.lenels2.com)

Specifications subject to change without notice.

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