

## PRO System

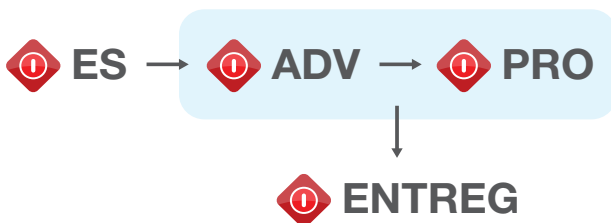
### PRO Server

#### Recommended Specifications, Configuration 5a

Chassis Type	Dell PowerEdge R720 (2U Rack mount)
CPU	Intel Xeon E5-2603 1.80GHz, 10MB L3 Cache
Operating System	Windows Server 2008 R2 Standard SP1, Includes 5 CALSs
RAM	8GB (2 x 4GB) 1333MHz Dual-Ranked RDIMMs
Onboard NICs	Broadcom 5720 QP 1Gb Network Daughter Card
Optical Drive	8x DVD+/-RW
Backplane	1 x 8 Backplane for 2.5-inch Hard Drives
RAID Controller	PERC H710 Integrated RAID Controller, 512MB
Operating System Drive(s)	2 x 146GB 15K RPM Serial-Attach SCSI 6Gbps 2.5in Hotplug Hard Drive (RAID1)
Data Drive(s)	3 x 146GB 15K RPM Serial-Attach SCSI 6Gbps 2.5in Hotplug Hard Drive (RAID5)
Hard-disk Backup Drive	RD1000 Disc-Based Backup Drive w/ 320GB/640GB Removable Hard Drive Cartridge
RISER	Risers with up to 6, x8 PCIe Slots + 1, x16 PCIe Slot
Video Graphics Card	Onboard Intel® HD Graphics 4500
Serial Port	(1) Serial Port
USB Ports	(4) USB 2.0 ports
Power	Dual, Hot-plug, Redundant Power Supply (1+1), 750W
Rail Kit	Sliding Ready Rails with Cable Management Arm
Warranty	3-year limited warranty

### Scalability Path

Customers utilizing an ADV or PRO system should contact Global Sales Support for an upgrade quote.



### FEATURES (STANDARD)

- Alarm monitoring
- Chromakey/Ghosting (ID only)
- First year telephone & software support
- IntelligentAudio™ (forensic)
- MapDesigner™
- System administration
- VideoViewer™ (video only, web)
- CCTV interface
- E-mail interface
- Event logging
- Anti-Passback
- Guard tour



### APPLICATIONS (UPGRADE)

- Area Access Manager™ (web)
- DataConduIT™
- ID CredentialCenter™
- VideoManager™
- Visitor™
- DataExchange™
- FormsDesigner™

### SOFTWARE (UPGRADE)

- Biometrics/Smart Cards™
- Fire & Intrusion™
- Barco video wall integration
- Business card / Driver's license / Military ID / Passport scanning
- Elevator integration
- Intercom
- Intelligent video (live)
- Mustering
- OPC Server / Client
- Paging
- VideoVerification™
- Terminal services support
- Database segmentation

## PRO Client

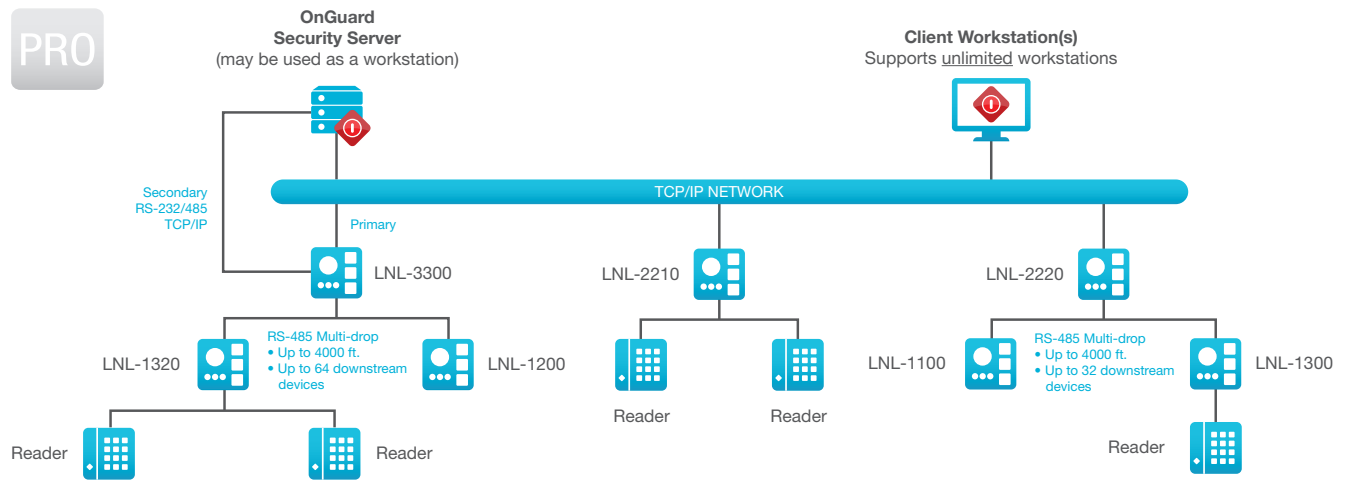
PRO systems support an unlimited amount of client workstations

Recommended Specifications	Configuration 6c	Configuration 7a High Performance	Configuration 8a Laptop Mobile Badging Station
Chassis Type	Dell OptiPlex 3010 Small Form Factor	Dell Precision T3600 Minitower	Dell Latitude E5520, 15.6" HD (1366x768) Anti-glare LED-backlit
CPU	Intel Core i3 2120 Processor (3.3GHz, 3MB L3 cache)	Intel Xeon E5-1620 Quadcore, 3.6GHz, 10MB L3 Cache	Intel® Core™ i5-2520M (2.50GHz, 3MB L3cache)
Operating System	Windows 7 Professional 64-bit	Windows 7 Professional 64-bit	Windows 7 Professional 64-bit
RAM	4GB DDR3 Non-ECC SDRAM, 1600MHz, (1 DIMM)	8GB (4 x 2GB) 1600MHz, DDR3 Non-ECC UDIMM Memory (4 DIMMs)	4GB (2 x 2GB), DDR3-1333MHz SDRAM
Onboard NICs	RJ45 Ethernet port	RJ45 Ethernet port	RJ45 Ethernet port
Wireless NIC	-	-	Dell Wireless™ 1501 802.11b/g/n Half Mini Card
Modem	-	-	Internal 56K modem
Optical Drive	8x Slimline DVD+/-RW	8X DVD+/-RW	8X DVD w/Cyberlink Power DVD™
Operating System Drive(s)	250GB SATA II 3.0Gb/s, 8MB Cache, 7200 rpm hard drive	256GB SSD 2.5" SATA3	250GB SATA II 3.0Gb/s, 8MB Cache, 7200 rpm hard drive
Video Graphics Card	1GB AMD RADEON HD 7570, LP w/VGA	2.0GB AMD FirePro™ V7900, Four Monitor, 4 DP	Onboard Intel® HD Graphics 3000
Serial Port	-	(1) Serial Port	-
USB Ports	(8) USB 2.0 ports	(8) USB 2.0 ports, (2) USB 3.0 ports	(4) USB 2.0 ports
Audio	Internal chassis speakers	Internal chassis speakers	Internal chassis speakers
Power	265W	635W	90W AC Adapter; 6-cell (60WH) Primary, Lithium Ion Battery
Mouse/Keyboard	yes	yes	-
Warranty	3-year limited warranty	3-year limited warranty	3-year limited warranty
Surge Suppressor	yes	yes	-
Warranty	3-year limited warranty	3-year limited warranty	3-year limited warranty

## System Capacities

Category	Standard Licensing	Expansion Capability
Cardholders	Unlimited*	Unlimited*
Card Readers	128	Unlimited*
Client Workstations	Unlimited*	Unlimited*
Holidays / Time Zones	255 (per segment, each)	255 (per segment, each)
Alarm Inputs / Outputs	Unlimited*	Unlimited*
Access Levels	32,000 per segment	32,000 per segment
Access Levels per Card	128	128
ILS Locks	-	Unlimited*
SQL Express	yes	-
Oracle	yes	-
Redundancy	SWS-PRO-REDU	-

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



## Peripheral Hardware and Readers

### 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.

### Lenel USB Image Capture Kit

Included is 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.

## Enclosures and Power Supplies

### 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)

[lenel.com/OnGuard](http://lenel.com/OnGuard)

(866) 788-5095

Specifications subject to change without notice.

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