

OnGuard Version 8.0

Enhances situational awareness, unifies security views and provides powerful, data-based insights



Overview

The LenelS2™ OnGuard® access control system version 8.0 empowers teams with enhanced situational awareness by bringing together visualization of data with system status and activity. The Magic Monitor® unified client adds support for OnGuard alarms, video and credentials, while the OnGuard Reporting and Dashboards client transforms data into actionable insights. The browser-based Maps feature brings floor plans and door control to any device. The OnGuard 8.0 system also adds usability improvements, cybersecurity upgrades and wireless push bar support.

The Magic Monitor Windows® and MacOS® client provides a unified view of access control, video and web content in a single display. The Magic Monitor client also supports multiple displays for command centers or expansive video walls.

OnGuard Reporting and Dashboards features a new OnGuard Reports browser client, providing customizable reports, while an OnGuard Dashboard offers powerful visualization of system, cardholder and alarm data in a variety of graphical formats.

A new interactive OnGuard Maps feature within the OnGuard Monitor client offers browser-based visualization of facility layouts and provides dynamic system feedback. Improvements to OnGuard usability include easy-to-access language options in the Visitor Self Service application and expanded video viewing features within the Surveillance client.

The OnGuard 8.0 system includes new integrations and cybersecurity upgrades to improve safety and convenience. OnGuard WATCH client (Web Access Trending Comprehensive Health) is integrated with the LenelS2 Cumulus™ cloud-based service, while an integration with Allegion® Von Duprin® RU/RM solutions offers remote monitoring and lockdown. 'Secure by Default' settings, coupled with license administration security improvements, enhance cybersecurity across the OnGuard system.

Features & Functionality

New and Improved Ways to Use the OnGuard System

- The Magic Monitor client adds support for OnGuard credentials, videos, alarms and system status
- Support for multiple System Administrator users via the 'SA Delegate' feature enhances system cybersecurity
- OnGuard License Administration now uses HTTPS, improving security and ease of access
- New Software Upgrade and Support Plan (SUSP) renewal notifications, displayed in OnGuard clients

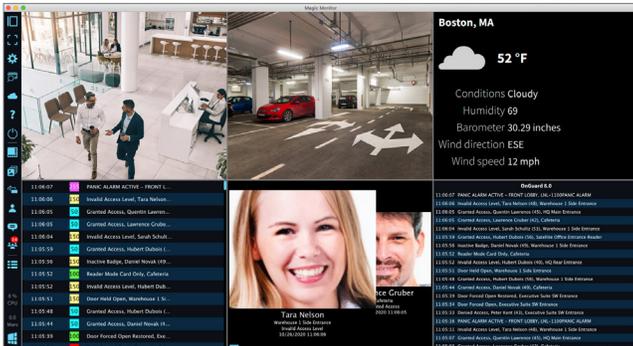
New and Enhanced OnGuard Browser Clients and Apps

- OnGuard Reporting and Dashboards features a browser-based Reports client and a new, modern reporting engine
- Optional Advanced Reporting license expands report customization and output choices
- OnGuard Dashboards displayed in LenelS2 Console launchpad provide system insight in customizable graphs and charts
- OnGuard Maps feature includes pan and zoom views, flashing visual alarm notifications and device action menus
- OnGuard WATCH client integration with LenelS2 Cumulus health monitoring service enables remote monitoring and notifications
- OnGuard Monitor and Surveillance clients add support for the Milestone XProtect® video recording platform, snapshot capture and digital zoom
- Expanded language support in the OnGuard Visitor Self Service app

Access Control Hardware

- Support for Allegion Von Duprin RU/RM solutions facilitates immediate lockdown for improved safety and convenience

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OnGuard system alarms, cardholders, video and system data, as viewed in unified Magic Monitor client

Interactive View

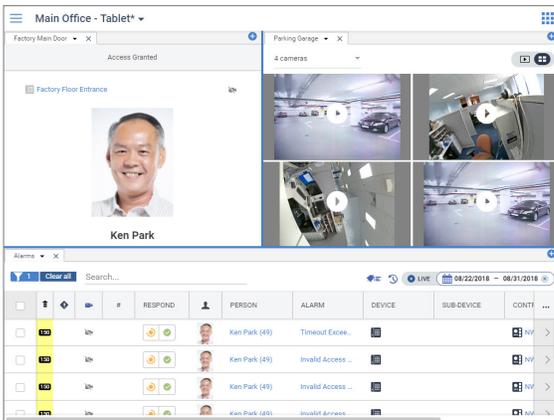
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Timestamp: UTC-04:00

Access Denied, Granted and Other Badge Events

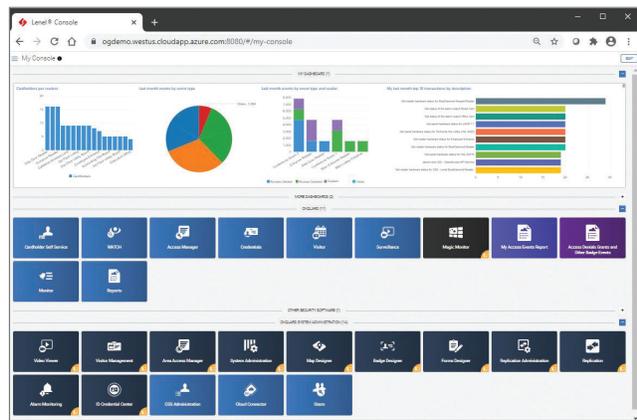
Start Date	End Date	Local User	Event Time UTC	Device	Event	Details	Cardholder Name
October 14, 2020							
03:43	October 14, 2020 07:43			Conference Room 2	Invalid Access Level	43	Nelson, Tara R
03:42	October 14, 2020 07:42			Main Lobby Entrance	Access Granted	45 (0)	Lawrence, Quentin R
03:42	October 14, 2020 07:42			Conference Room 1	Access Granted	42 (0)	Groder, Lawrence R
03:42	October 14, 2020 07:42			Stair Door Reader	Invalid Access Level	45	Sonic, Sarah R
03:42	October 14, 2020 07:42			Main Entrance Reader	Access Granted	58 (0)	Dubak, Hubert R
03:42	October 14, 2020 07:42			Conference Room 2	Invalid Badge	48	Novak, Dana R
03:42	October 14, 2020 07:42			Stair Door Reader	Invalid Access Level	45	Dubak, Hubert R
03:42	October 14, 2020 07:42			Conference Room 1	Access Granted	58 (0)	Dubak, Hubert R
03:42	October 14, 2020 07:42			Conference Room 2	Access Granted	49 (0)	Novak, Dana R
03:41	October 14, 2020 07:41			Entrance Reader	Access Denied	43	Kant, Peter R
03:41	October 14, 2020 07:41			Conference Room 2	Invalid Access Level	45	Nelson, Tara R
03:41	October 14, 2020 07:41			Main Lobby Entrance	Access Granted	45 (0)	Lawrence, Quentin R
03:41	October 14, 2020 07:41			Conference Room 1	Access Granted	42 (0)	Groder, Lawrence R
03:41	October 14, 2020 07:41			Conference Room 2	Invalid Access Level	53	Sonic, Sarah R
03:41	October 14, 2020 07:41			Main Entrance Reader	Access Granted	58 (0)	Dubak, Hubert R
03:41	October 14, 2020 07:41			Conference Room 2	Invalid Badge	48	Novak, Dana R
03:41	October 14, 2020 07:41			Stair Door Reader	Invalid Access Level	45	Dubak, Hubert R
03:40	October 14, 2020 07:40			Conference Room 2	Access Granted	58 (0)	Dubak, Hubert R
03:40	October 14, 2020 07:40			Conference Room 1	Access Denied	49 (0)	Novak, Dana R
03:40	October 14, 2020 07:40			Entrance Reader	Access Denied	43	Kant, Peter R

Page 1 of 1

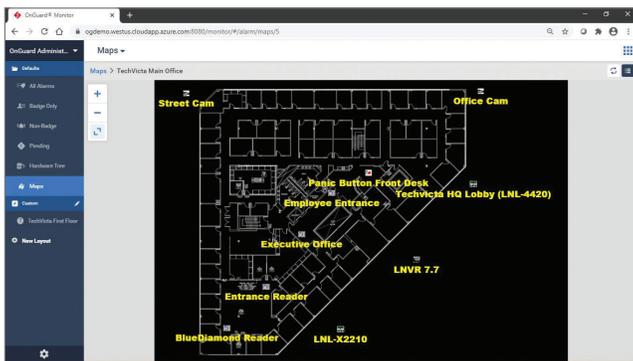
Sample report available from the OnGuard Reports client



OnGuard Monitor client with video



LenelS2 Console launchpad showing custom dashboards



OnGuard Monitor client showing view of interactive map



OnGuard Visitor Self Service app language selection interface

OnGuard Version 8.0

OnGuard 8.0 delivers new features, expanding upon the functionality of prior versions

Feature Updates by OnGuard Version

	OnGuard	8.0	7.6	7.5
OnGuard® Clients	Magic Monitor unified client adds support for OnGuard system	•	•*	•*
	OnGuard Reporting and Dashboards offers powerful data visualization	•		
	OnGuard Reports browser client for OnGuard ES, ADV, PRO Systems	•		
	OnGuard Reports available in flexible output formats, including print, PDF, email and CSV	•		
	Interactive, customizable dashboards are conveniently displayed in LenelS2 Console launchpad	•		
	OnGuard Monitor client includes interactive maps feature, accessible from mobile devices	•		
	OnGuard Surveillance client support for Milestone XProtect VMS	•		
	OnGuard Monitor client support for Milestone XProtect VMS	•		
	SUSP Renewal Notifications visible in Console launchpad, and System Administration	•		
	OnGuard Surveillance browser client for dedicated video viewing of live or recorded video	•	•	
	OnGuard Visitor client for full service, concierge-style visitor management	•	•	•
	OnGuard Monitor client for integrated alarm, video and device monitoring and management	•	•	•
	OnGuard Users client, a browser-based system administration user management component	•	•	•
Access Hardware Supported	Remote monitoring and control (RU/RM) for Von Duprin exit devices; connectivity enabled by Allegion Schlage Engage Gateway and mobile apps	•		
	Invizium® Titan facial recognition reader with body temperature measurement	•	•	
	Flexible network-connected Door I/O Module (LNL-1324e) offers onboard Ethernet connectivity	•	•	
	LenelS2 X-Series Access Controllers: LNL-X4420, LNL-X3300, LNL-X2220, LNL-X2210	•	•	•
Access Control Enhancements	Data encryption at rest for all LenelS2 X-Series Access Series Controllers (and LNL-4420)	•	•	•
	Support for PDF417	•	•	
	Elevator Floor Mode Status	•	•	•
Video Enhancements	Support for 16 card formats per Controller and 255 access levels per badge	•	•	•
	Magic Monitor client support for Milestone, LNVR, VRx™, NetVR™, ExacqVision, Avigilon Control System	•		
	OnGuard Surveillance and Monitor clients support for audio, digital zoom, snapshots and playback speed control	•		
	OnGuard Surveillance and Monitor clients support for Milestone XProtect	•		
	"Time-Limited" video playback setting to restrict viewing of archived recordings	•	•	
OS, Data Access & Interface	OTIS Compass® Unicast support for Heartbeat feature	•	•	
	Microsoft® SQL Server® 2019	•		
	Microsoft Windows® OS Server 2019	•	•	
Cybersecurity	OnGuard OpenAccess Web Services API Updates	•	•	•
	Default TLS encryption on LenelS2 X-Series Controllers	•		
	SA Delegate User	•		
	HTTPS communications for OnGuard license management	•		
	Default TLS encryption in Web Server (browser clients)	•	•	
	Removal of Default Passwords	•	•	
	Support for TLS encryption for eMail	•	•	
	TLS encryption available for OnGuard upstream as well as downstream communications	•	•	•
Updated OnGuard Hardening Guide to reduce the attack surface of OnGuard deployments	•	•	•	

For more information and links to technical documents, visit the LenelS2 Partner Center.

*Consult Magic Monitor client datasheet for capabilities when used with earlier versions of the OnGuard system



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