LENEL·S2

OnGuard Version 8.2

Enhances and unifies user experience, facilitates cloud-based features, and deepens analytics

Overview

The LenelS2™ OnGuard® system version 8.2 software release includes cloud platform and compatibility updates, alarm acknowledgements, supporting user-defined fields, and updated LenelS2 browser-based client and reporting server for browser based reporting and many more updates.

Locked Reader Override

Designed to support your first responders and security managers during 'lock-down' type scenarios, the Locked Reader Override option (on the Badge Form) allows these credentials to use their access to open a 'Locked' reader/door. The Locked Reader Override still requires the cardholder/badge to have access to the doors.

Cloud Platform and Compatibility

OnGuard Cloud

OnGuard Cloud, based on OnGuard versions 8.1 and above, provides a hosted cloud service option with the power of OnGuard. With fully-redundant servers hosted on Amazon Web Services (AWS), this service provides the latest software versions and OS updates to keep customers current with the newest features and benefits. Full 24/7/365 monitoring helps reduce downtime and alleviate potential issues with system performance.

Cloud Edition

Since OnGuard version 7.5, LenelS2 has supported our customers with OnGuard as an IaaS (Infrastructure as a Service) installation in key cloud platforms. Starting with Microsoft Azure, and then Amazon AWS, and on to support cloud services like Azure SQL. With OnGuard version 8.2, we begin our support for using Amazon Relational Database Service (RDS) using SQL 2019.

To help provide this more clearly to our integrators and customers, we are adding a Cloud Compatibility Guide that organizes these deployment options, so users don't have to rely on specific version release notes.

Alarm Acknowledgements and User-defined Fields

With this release, we are extending the ability to add User-defined fields, including our Alarm Response and Acknowledgment process. Customers can use these fields to include information about their response teams and in support of the metrics their organization uses to drive investment in physical security.

OnGuard Reports Client (and Server)

OnGuard Reporting & Dashboards gets a new native browser-based client and an updated reporting server for browser-based reporting. This new client provides a more 'OnGuard-like' browser experience, while the updated server offers better support and cybersecurity. When used with the Advanced Reporting option, OnGuard version 8.2 adds the new ability to add images, text boxes, and real-time interactive filter controls to reports.

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Features & Functionality

New and Improved Ways to Use the OnGuard System

- New "Locked Reader Override" function allows designated badges to open even locked doors to enable emergency response process
- Magic Monitor improvements
- Ability to see and select what information is sent to the Cumulus mobile Credential Factory
- Improved guidance for Cloud deployments of OnGuard software
- Support for Amazon RDS cloud database
- Targeted refinement of toolbars and important screens in OnGuard System Administration and Alarm Monitoring applications for enhanced usability on higher-resolution screens and larger systems
- TLS 1.3
- Third-party authentication enhancement supports client credentials flow
- Support for key diversification in custom DESFire encoding
- Ability to add user-defined fields to alarm acknowledgement process, to record important customer-specific information related to critical alarms
- Option to require authorized cardholder to confirm that an alarmed door (forced/held) is secured, through a keypad reader, before alarm can be acknowledged
- The Magic Monitor unified client for the OnGuard system adds Live Event

New and Enhanced OnGuard Browser Clients and Apps

- New, easier to use Reporting client builds on OnGuard browser client look and feel and adds localization
- Browser Reports – now allow custom labels, graphics and interactive controls (with Advanced Reporting option)
- Access Manager – now manages access levels for active and inactive badges
- Updates to Client navigation panels in Browser Clients and CSS
- Monitor – Cardholder Verify customization of text position
- Monitor – Ability to click on Alarm thumbnail and see larger cardholder photo
- Monitor – Active Video widget now uses Pre-Roll and Unattended Timeout Alarm/Video setting

Access Control Hardware

- Support for latest revisions of LenelS2 access hardware
- Bidirectional Honeywell communications now supports PW7000 series panels

OnGuard Version 8.2 delivers new features, expanding upon the functionality of prior versions

| Feature Updates by OnGuard Version	OnGuard	8.2	8.1	8.0
OnGuard® Browser Clients	Magic Monitor unified client adds support for OnGuard system	•	•	•
	Reporting and Dashboards client with support for OnGuard ENT Systems	•	•	
	Reports and Dashboards adds custom labels, graphics, and interactive controls	•		
	Reports and Dashboards updates build on client capability and support localization	•		
	Interactive, customizable dashboards are conveniently displayed in LenelS2 Console launchpad	•	•	•
	Credentials and Visitor offer enhanced Photo Capture and Editing	•	•	
	Credentials and Visitor support for Primary/Additional Segmentation	•	•	
	Visitor Bulk Import via file (csv/xls)	•	•	
	Monitor supports Active Video pop-up of live/recorded video on alarm (with Pre-Roll and Timeout)	•	•	
	Active Video pop-up now respects Pre-Roll and Unattended Timeout settings	•		
	Monitor supports Video Clip Export	•	•	
	Monitor includes interactive maps feature, accessible from mobile devices	•	•	
	Subscription and OAAP license renewal notifications	•	•	
	Software Upgrade and Support Plan (SUSP) renewal notifications	•	•	•
	OnGuard Monitor and Surveillance clients support for Milestone XProtect® VMS	•	•	•
	OnGuard Monitor and Surveillance clients support for LenelS2 NVR (LNVR)	•	•	•
Access Hardware Supported	ASSA ABLOY - Aperio® AH40 IP hub support	•	•	
	Controller upgrade support for X-Series migration	•	•	
	Remote monitoring and control (RU/RM) for Von Duprin exit devices; connectivity enabled by Allegion Schlage Engage Gateway and mobile apps	•	•	•
	Invixium® Titan facial recognition reader with body temperature measurement	•	•	•
	Flexible network-connected Door I/O Module (LNL-1324e) offers onboard Ethernet connectivity	•	•	•
	Bi-Directional Communication with Honeywell Controllers supports PW7000 Series	•		
	BlueDiamond allows issuance of Apple Wallet credentials	•		
Access Control Enhancements	Locked Reader Override Support (allow access through 'Locked' readers)	•		
	Default (Power-on) condition for Intrusion Mask Groups	•	•	
	IP client connection for LenelS2 Access Controllers	•	•	
	Support for PDF417	•	•	•
Video Enhancements	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 VMS	•	•	•
	"Time-Limited" video playback setting to restrict viewing of archived recordings	•	•	•
Operating System, Database, and Interface	Microsoft® Windows® Server 2022	•	•	
	Microsoft® Windows® 11	•	•	
	Microsoft® SQL Server® 2019	•	•	•
	OnGuard OpenAccess Web Services API Updates	•	•	•
Cybersecurity	Third-party Authentication support for service authentication using client credentials flow	•		
	SA/Delegate login added to admin tools (Setup Assistant, Database Setup, Database Translator)	•	•	
	Enhanced Key Management and Encryption	•	•	
	HTTPS communications for OnGuard license management	•	•	•
	Default TLS encryption in Web Server (browser clients)	•	•	•
	Support for TLS encryption for eMail	•	•	•
	TLS encryption available for OnGuard system upstream as well as downstream communications	•	•	•
	TLS 1.3 encryption support available in specific areas	•		
	Updated OnGuard Hardening Guide to reduce the attack surface of OnGuard deployments	•	•	•
	Enhanced password management controls	•	•	•
	Single sign on enabled for OnGuard thick clients as well as browser-based clients	•	•	•
	Support for third-party user authentication via OpenID Connect® (OIDC) interface	•	•	•
	Configurable TLS encrypted communications (Communications Server to ISC)	•	•	•
Cloud	OnGuard Cloud Edition AMI in Amazon Marketplace	•	•	•
	Amazon RDS Database Support (as alternative to SQL Server for AWS OnGuard systems)	•	•	
	Azure SQL Database Support (as alternative to SQL Server for Azure OnGuard systems)	•	•	

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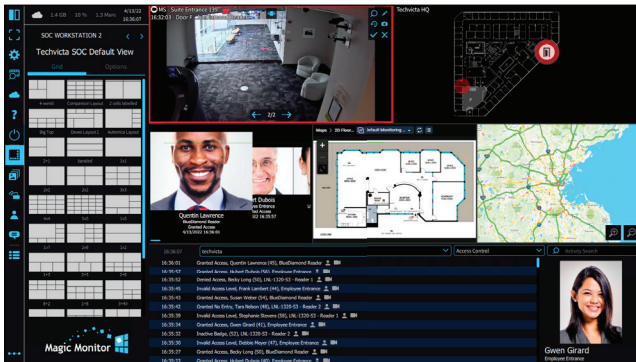
OnGuard system alarms, cardholders, video and system data, as viewed in unified Magic Monitor client
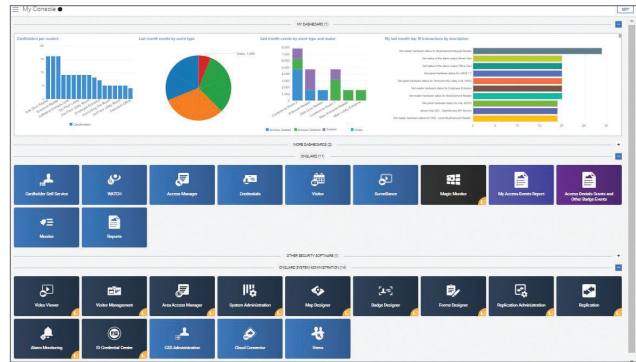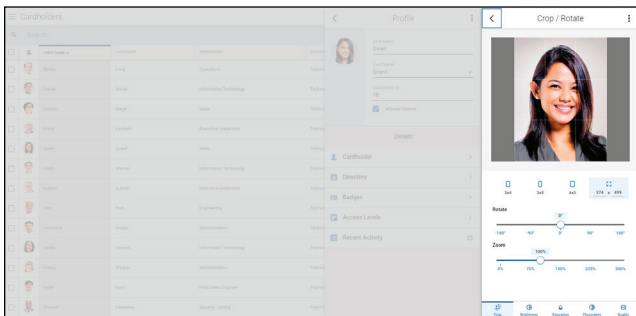

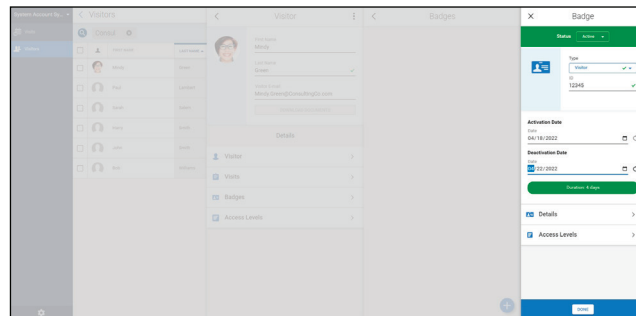LenelS2 Console launchpad showing custom dashboards
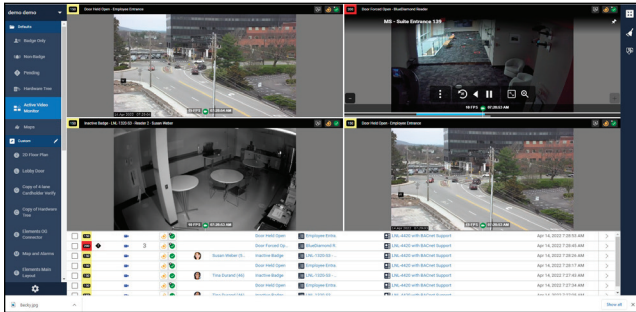
OnGuard Monitor client and the new Active Monitor display
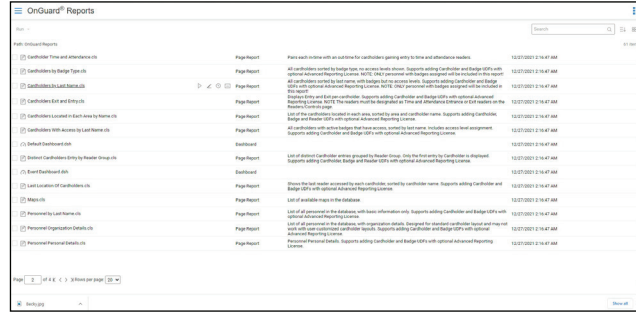
Reports & Dashboards client reports list and descriptions

OnGuard Credentials client refresh offers new photo capture/edit options

OnGuard Access manager allows access level management on active and inactive badges

For more information and links to technical documents, visit the LenelS2 Connect portal.

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Specifications subject to change without notice.