OnGuard Version 8.1

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

Overview

The LenelS2™ OnGuard® system version 8.1 provides operators with more fully featured browser clients and modernized desktop clients for an enhanced user experience and improved administration. Deeper integration with the Magic Monitor unified client and Milestone XProtect systems empowers security teams with better situational awareness and more efficient system management. Version 8.1 also includes new cloud-enabling features and provides additional analytics capabilities to help facilitate intelligent decision-making.

Usability enhancements to OnGuard system browser clients such as OnGuard Credentials, OnGuard Visitor, OnGuard Monitor, and OnGuard Reports provide a superior experience and new enterprise functionality. New features include improved segmentation, simplified printer management, the ability to perform visitor bulk imports, and a variety of new reports. The OnGuard System Administration and Alarm Monitoring Windows clients have modernized user interfaces and support dark mode to reduce eye strain and enhance energy efficiency.

The Magic Monitor unified client for OnGuard systems now provides incident-related videos for immediate response via the newly added 'Hot Tile' functionality and features improved dynamic overlays for better visualization and control of readers. The OnGuard to Milestone XProtect integration is enhanced to improve performance and function. Clients can now respond to the full list of Milestone event types including analytics events such as exceeding occupancy limits, queue length and more. Additionally, the OnGuard Alarm Monitor client can now directly launch the XProtect Smart client to access the full array of XProtect video capabilities.

Version 8.1 also introduces functionality that enables scripted cloud deployment and facilitates remote system maintenance.

Features & Functionality

New and Improved Ways to Use the OnGuard System

- The Magic Monitor® unified client for the OnGuard system adds Live Event Video (pop-up/hot tile)
- Improvements to auditing provide visibility to user records and transactions as well as better identification of origin of request and pre/post meta data in user transactions
- Deeper integration with Milestone video in Magic Monitor, OnGuard Surveillance, and OnGuard Monitor clients

New and Enhanced OnGuard Browser Clients and Apps

- Usability enhancements to key web clients target needs of enterprise end users
- Refreshed OnGuard Credentials client align UI, expand responsiveness for flexible device support, enhanced resolution and provided AD508/WCAG/W3C compliance updates
- OnGuard Reports web client adds support for Enterprise and additional reports & dashboards
- Twelve new reports not previously available for OnGuard systems
- New summary descriptions help with quick identification of available reports
- New capabilities for OnGuard Visitor client allow users to manage badges and access levels as well as 'import' visitors using a downloadable spreadsheet template. Visitor client offers better aligned status for visits and visitors across the platform
- OnGuard Monitor client now allows users to export multiple Mp4 video clips and view live event video in a rotating 2x2 grid
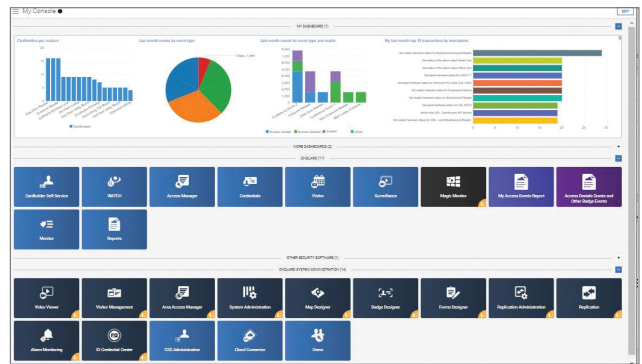
Access Control Hardware

- Support for Assa Abloy Aperio AH40 IP hub improves lock capacity to 64 devices and adds network connectivity to the LenelS2 Controller
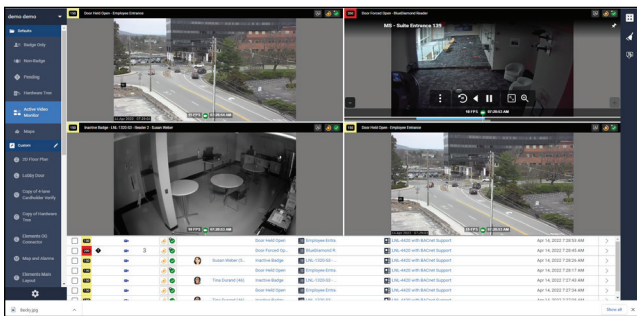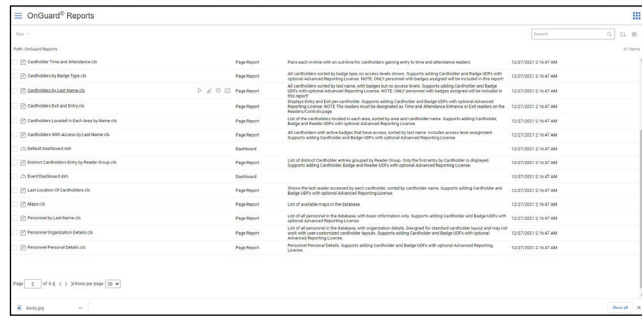
Carrier

OnGuard Version 8.1
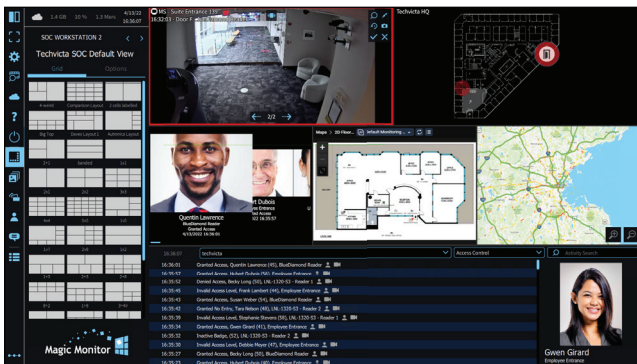
OnGuard system alarms, cardholders, video and system data, as viewed in unified Magic Monitor client
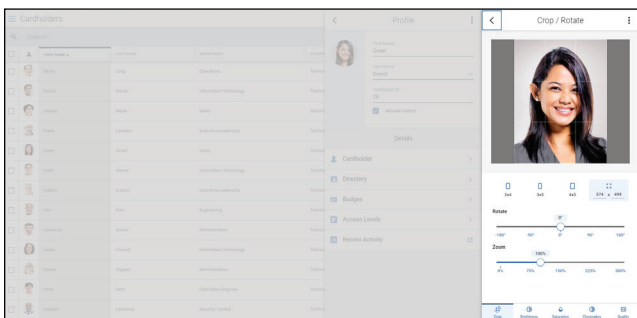

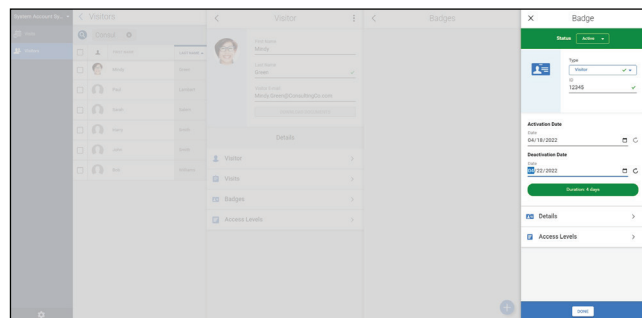LenelS2 Console launchpad showing custom dashboards

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 Visitor client adds management of Badges and Access Levels

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OnGuard 8.1 delivers new features, expanding upon the functionality of prior versions

Feature Updates by OnGuard Version

OnGuard		8.1	8.0	7.6
OnGuard® Clients	Magic Monitor unified client adds support for OnGuard system	•	•	•*
	OnGuard Reporting and Dashboards client with enhanced export for ENT Systems	•		
	OnGuard Reporting and Dashboards client with enhanced export for ES, ADV, PRO Systems	•	•	
	Interactive, customizable dashboards are conveniently displayed in LenelS2 Console launchpad	•	•	
	OnGuard Credentials and Visitor browser clients offer enhanced Photo Capture and Editing	•		
	OnGuard Credentials and Visitor clients support for Primary/Additional Segmentation	•		
	OnGuard Visitor client Bulk Import via file (csv/xls)	•		
	OnGuard Monitor client supports Active Video display of live video on alarm	•		
	OnGuard Monitor client supports Video Clip Export	•		
	OnGuard Monitor client 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	•	•	•
Access Control Enhancements	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	•	•	•
	OTIS Compass® Unicast support for Heartbeat feature	•	•	•
Operating System, Database, and & Interface	Microsoft® Windows® Server 2022	•		
	Microsoft® Windows® 11	•		
	Microsoft® SQL Server® 2019	•	•	
	Microsoft Windows® OS Server 2019	•	•	•
	OnGuard OpenAccess Web Services API Updates	•	•	•
Cybersecurity	SA/Delegate login to key utilities required (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)	•	•	•
	Removal of Default Passwords	•	•	•
	Support for TLS encryption for eMail	•	•	•
	TLS encryption available for OnGuard system upstream as well as downstream communications	•	•	•
	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 party user authentication via OpenID Connect® (OIDC) interface	•	•	•
	Configurable TLS encrypted communications (communications server to ISC)	•	•	•

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

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