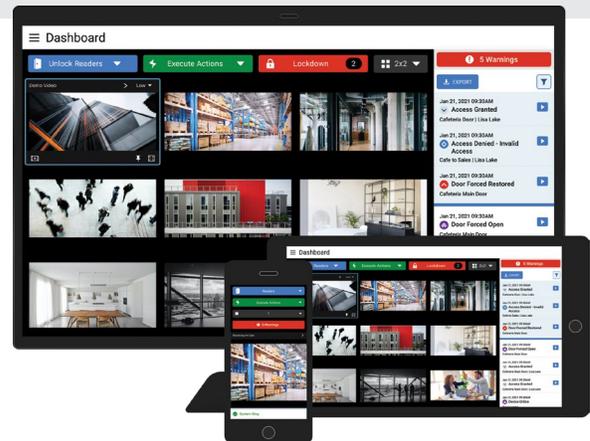


Elements

Security in its simplest form



Overview

The LenelS2™ Elements™ solution is a comprehensive, intuitive access control and video solution built for the cloud. The Elements solution is a scalable solution that's ideal for cloud-first organizations and those needing to replace aging servers and software. The solution is available as a standalone solution but can also integrate with the OnGuard® access control platform using the Elements OnGuard Connector to extend enterprise-level security to any building or office.

User Interface: The Elements web portal – the user interface – is simple and intuitive for users of any background. The web portal is designed to be accessible and usable from any device including mobile phones and browsers.

Video Recorder: Designed specifically for the Elements solution, the Elements Video Recorder provides a cost-effective, high performance on-premise video storage solution, which enables secure access to video from anywhere and at any time via the cloud.

Controllers: All Elements controllers and reader interfaces are provided by both LenelS2 proprietary Network Node and non-proprietary Mercury hardware.

Milestone XProtect Integration: The Elements Gateway supports cameras connected to the Milestone server and access control hardware. Through the Elements user interface, Elements users can access live and recorded video streams and events from the XProtect Server.

BlueDiamond Readers: LenelS2 BlueDiamond™ readers provide a feature-rich reader platform with support for Wiegand, OSDP™ and OSDP Secure Channel protocol. Simultaneous support for a wide range of smart cards including HID iCLASS®, MIFARE® and DESFire® EV1 and EV2.

Mobile Credentials: A smart alternative to plastic badges, mobile credentials enabled through the BlueDiamond mobile app offer convenience without compromising security. Credentials can be easily allocated to new phones or people, and remotely deactivated all from within the Elements user interface.

Key Features

Cloud-based Access Control and Video Management Solution

- Mobile first: full solution access to monitor and manage your solution from any mobile device
- Enterprise ready: scalability of solution through use of the Elements OnGuard Connector
- Event monitoring: know what's happening with your system from any device, anytime, anywhere
- Role-based access control: detailed credential-driven roles and permissions for users
- Command and control: grant temporary access or lock doors from a mobile device
- Real-time hardware events: interact and monitor the Elements access control solution in real time, from anywhere
- Reporting: export activity and audit transactions for archiving and forensic analysis
- Native video integration: integrates exclusively with the Elements access control solution for unified system management
- Video viewing: perform live monitoring or recorded playback from any camera directly from the Elements platform with no browser add-ons, no external VMS, or extra software required
- Video search: easily search recorded video by date and time to quickly find events of interest
- Easy access to video: video is optimized through a peer-to-peer connection or cloud routing allowing real-time video streaming to most mobile phones, tablets and browsers

Web Portal

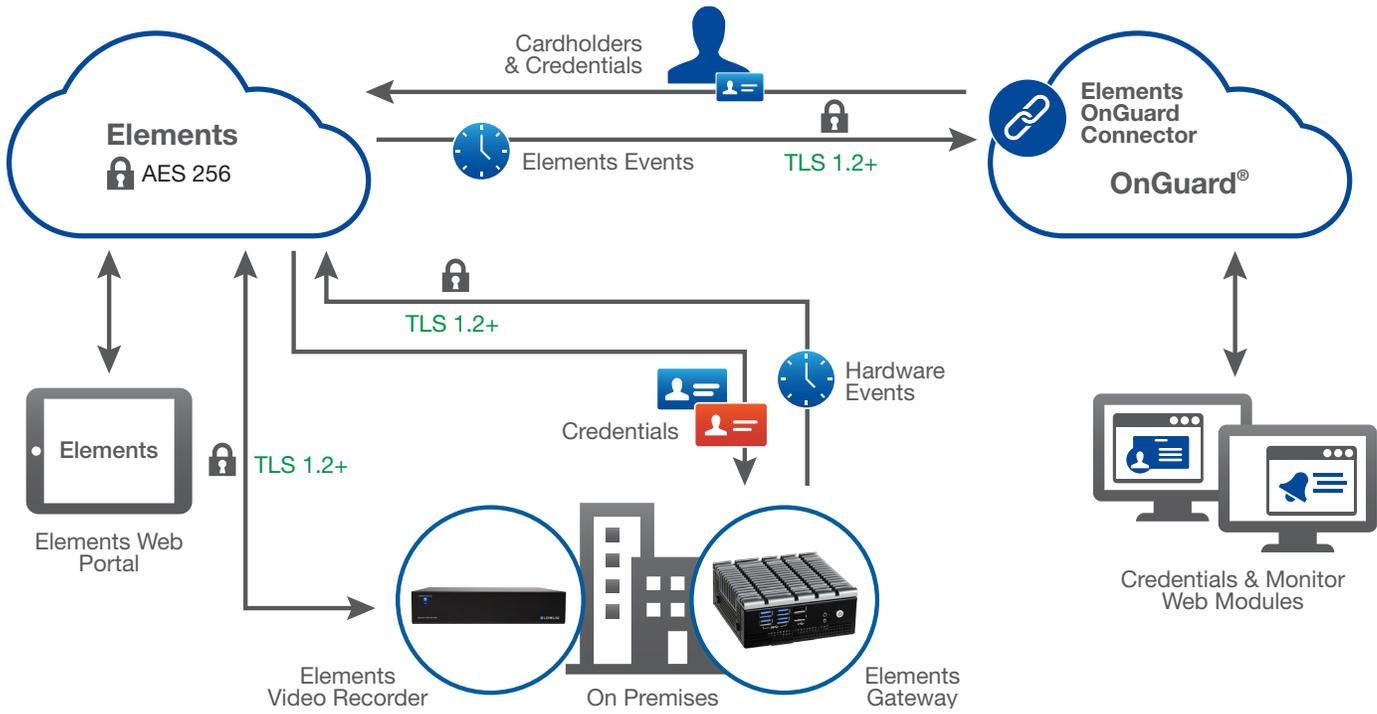
- Simple and intuitive: separate portals for VARs and end users enable managed or self-managed solutions

System

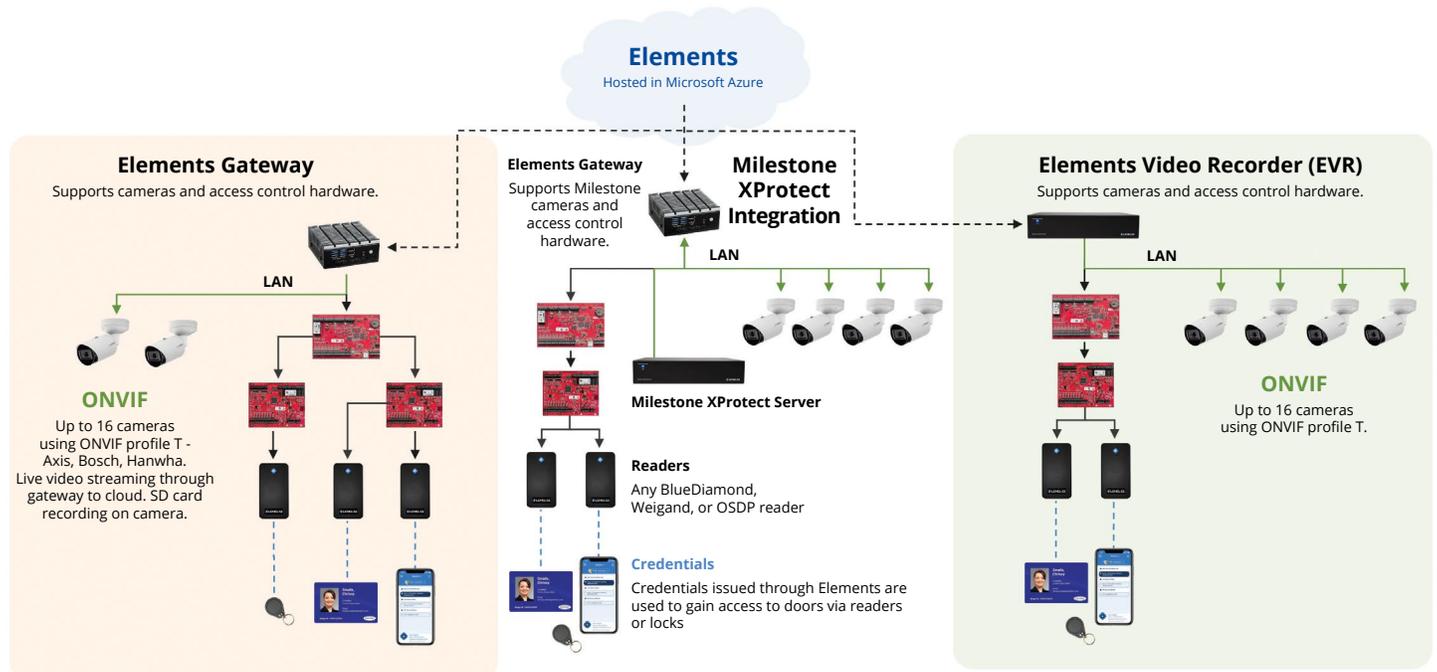
- Integrated BlueDiamond mobile credentialing
- Secure and private by design: robust hardware security and cybersecurity; cloud to card encryption
- Supports Wiegand, OSDP and OSDP Secure Channel readers

Elements

Data flow between the Elements solution and OnGuard system using the Elements OnGuard Connector



Deployment Options



Elements

Specifications

Access Control

Total number of credentials	10,000+
Total number of readers	1,000+
Total number of spaces	Up to 32 per person
Total number of card formats	Up to 15 customer-defined card formats per controller
Total number of facility codes	Up to 15 facility codes per controller

Video

IP cameras	Up to 16 ONVIF profile T cameras per recorder**
IP camera resolution	Camera dependent, up to 4K*
IP camera frame rate	Camera dependent
Compression type	H.264
Storage	8TB

*Network data rate may affect performance

**Multiple recorders can be set up per site

Cybersecurity & Privacy

- Data in transit – TLS 1.2+
- Data at rest – AES 256
- CSA Star Level 1
- NIST 800-53 Compliant
- SOC 2, Type 1 Compliant
- IEC/ANSI/ISA 62433 4-1 Certified
- European Data Protection Board – Approved binding corporate rules
- Annual third-party pen test, by policy
- Third-party static and dynamic application security testing

The Elements solution is a rapidly growing cloud solution. Visit www.lenelS2.com for updates.



LenelS2.com

(866) 788-5095

Specifications subject to change without notice.

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