



**OnGuard**  
CLOUD

• • • •  
All the power.  
All-new  
premise.



Embrace the future of access control by seamlessly, securely migrating to the cloud with OnGuard® Cloud from LenelS2.



# It's time to move to the cloud without compromises.

As you navigate the ever-evolving technology landscape, moving more and more aspects of your business to the cloud is critical to staying competitive and agile. But the transition can't come at the cost of sacrificing essential functionalities or compromising on security.

You need the ability to embrace the cloud migration journey while safeguarding every aspect of your organization's operations, and you need to make the leap seamlessly and without losing functionality. **That's why LenelS2 created OnGuard Cloud.**



All the power. All-new premise.

## Meet OnGuard Cloud from LenelS2.

With OnGuard Cloud, LenelS2 has modernized our flagship security solution to bring you all the power of OnGuard, with an all-new premise. That means the robust features and functionality of the proven OnGuard on-premises solution delivered as a single-tenant SaaS solution, hosted on Amazon Web Services (AWS) – all with full web access, 24/7/365 operational monitoring, and direct end-user support.



Experience the Full Power of OnGuard



24/7/365 Support



Assured System Reliability



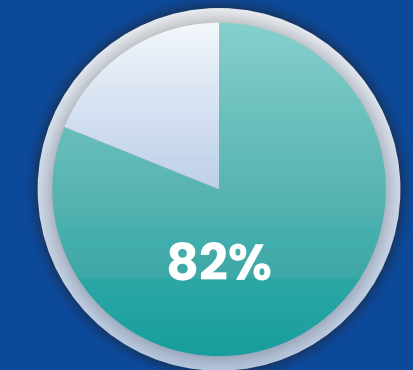
Hundreds of Integrations



## Challenges of moving to the cloud

In a recent survey of 500 end users, given the choice to pick the top reasons why they have not moved their access control to the cloud, the top five challenges they indicated were:

1. Cybersecurity concerns
2. Physical security concerns
3. Security leadership concerns
4. Recently updated system
5. Bandwidth and connectivity concerns



**82% of organizations plan on transitioning their access control solution to the cloud within two years.\***

*"The rest of my business has moved to the cloud, except for my security system."*

\*Omdia: OnGuard as a Service: Access Control End-User Survey, November 2022.

## Experience the full power of OnGuard.

With OnGuard Cloud, feature-richness meets flexibility. You get the full OnGuard experience with the ability to access the system in the way that works best for your users. We have also included our most-licensed OnGuard features within OnGuard Cloud at no extra cost, simplifying the ordering process and providing more value.

### Includes our most sought-after features:

- Badge Printing
- Area Access Manager
- Cardholder Self-Service (CSS)
- Segmentation
- Visitor Reception
- Visitor Self-Service (VSS)
- Advanced Reporting
- Forms Designer

## Access your system your way.

**System Administrators:** Get all the power of OnGuard system clients over a web browser interface. Using Amazon AppStream, admins can access and program all of the systemwide functionality from anywhere – all without having to be tied to a local server.

**Day-to-Day Users:** All other aspects, like adding and removing cardholders, managing access and permissions, running reports, and more, are available for an unrestricted number of users when utilizing a standard web browser.



### Web Browser

OnGuard Cloud console  
for day-to-day users

### Amazon AppStream

Launch OnGuard applications  
for system administrators

## System reliability comes standard.

When it comes to the cloud, system reliability is critical. OnGuard Cloud provides 24/7/365 monitoring to ensure that your system is always running and available when you need it most. We also developed our solution with full redundancy across separate AWS Availability Zones (AZs), so in the unlikely event one hosting location goes offline, the system will automatically fail over to another hosting location, delivering true system resiliency.

### Get a complete solution built for real-world reliability:

- Operating system upgrades and monthly patching
- Automated database backups can help reduce potential for lost information
- OnGuard software updates and releases to keep you up to date

## Take advantage of hundreds of integrations.

With OnGuard Cloud, staying ahead of changing security needs has never been easier. That's because our solution is built to adapt and evolve, thanks to our portfolio of OpenAccess integrations and partners, providing hundreds of add-on solutions to meet almost any customer requirement. A full list of partners can be found online at [LenelS2.com](https://www.lenels2.com).

### Scale and grow your capabilities through unmatched integration:

- All available OpenAccess integrations supported
- Premier video management software with Milestone XProtect®
- Ambient.ai for premier predictive analytics capabilities

## Get expert support at every moment.

With any cloud-based solution, support and uptime are critical. That's why OnGuard Cloud comes with 24/7/365 application and infrastructure support from the expert team at LenelS2 for both VARs and end users that have gone through the certification. Our support also includes proactive health monitoring, which allows us to know about a problem, fix it, and notify you before you may even be aware there is an issue.

### The support you need, whenever you need it:

- Call-in option for end users with LenelS2 training and certification
- Tech support for OnGuard application issues
- Access to Cloud Operations Engineers for AWS infrastructure issues

# Amazon Web Services

The standard for cloud solutions meets the standard for access control.



OnGuard has earned a reputation as the industry leader for access control solutions, so it only makes sense we turned to the leader in cloud for hosting. OnGuard Cloud was developed in a manner consistent with the rigid architecture established by AWS. The AWS Well-Architected Framework focuses on several best practices pillars to drive optimal performance, reliability, and cybersecurity.



**Reliability:** AWS provides a minimum of **99.99%\*** uptime target with automatic failover to a redundant system.

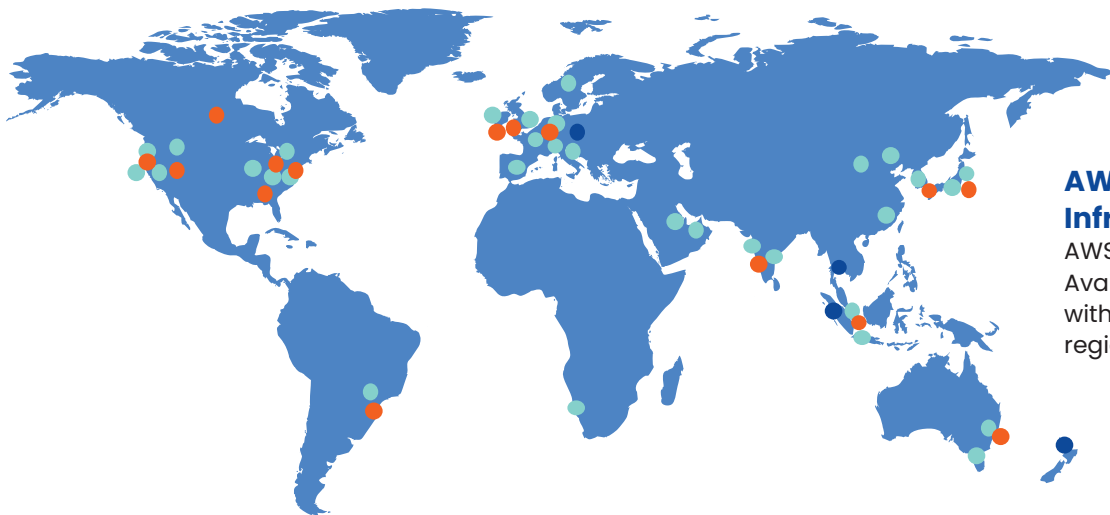
\*Within each region, all commercially reasonable efforts will be made to make AWS Services available with a minimum uptime of 99.99%.



**Cybersecurity:** AWS supports over 140 security standards and compliance certifications, attestations, and services/tools to streamline and automate compliance.



**Global Availability:** With more than 30 existing geographic regions globally, and 15 that support Amazon AppStream, OnGuard Cloud can be deployed from almost anywhere that you have a need. In addition, the 30+ regions have multiple Availability Zones which allow for failover to support redundancy and high-availability.



**AWS Global Infrastructure Map**  
AWS spans 105 Availability Zones (AZs) within 33 geographic regions around the world.

**33 Launched Regions**  
each with multiple AZs

### 15 AppStream Regions

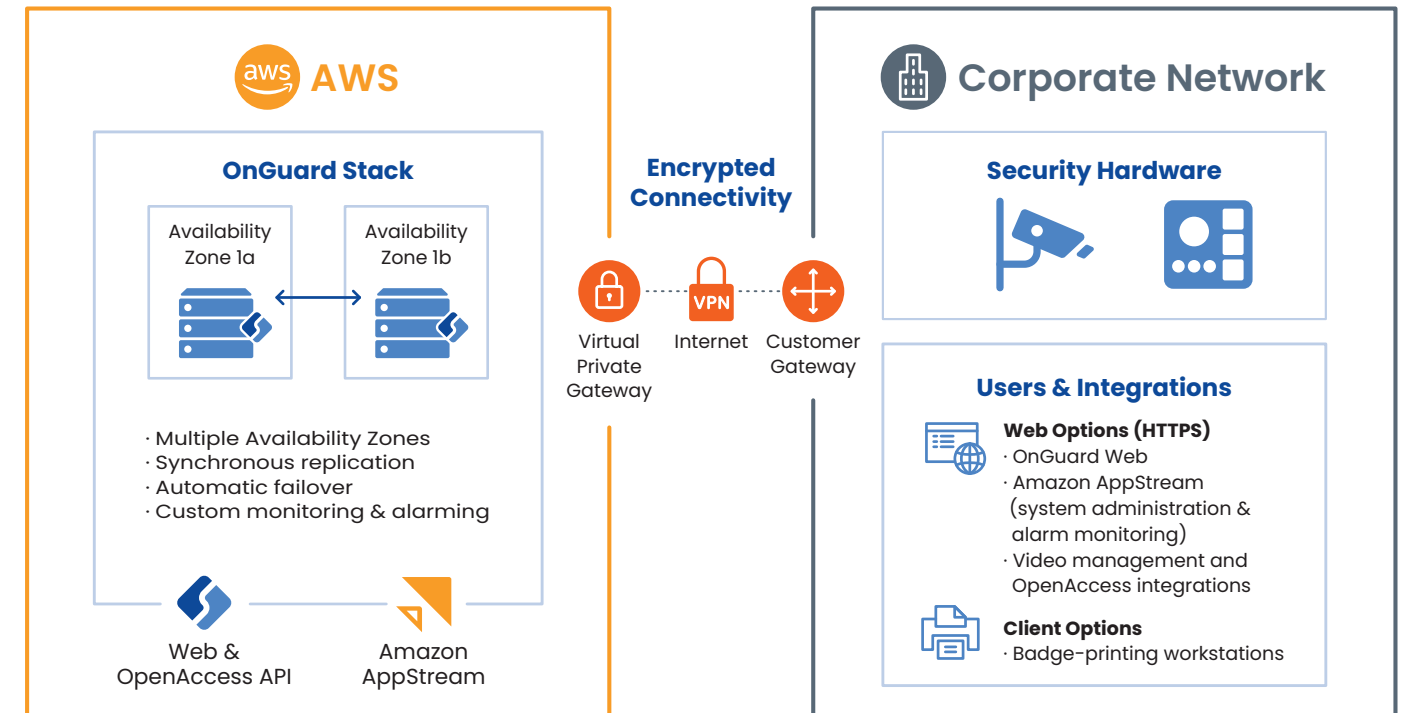
and virtual private cloud (VPC) peering for other locations

- AWS GovCloud (US-East)
- South America (São Paulo)
- US East (Ohio)
- Canada (Central)
- Europe (London)
- Asia Pacific (Mumbai)
- AWS GovCloud (US-West)
- Asia Pacific (Tokyo)
- Asia Pacific (Seoul)
- Asia Pacific (Singapore)
- Asia Pacific (Sydney)
- Europe (Frankfurt)
- Europe (Ireland)
- US East (N. Virginia)
- US West (Oregon)

# OnGuard Cloud customer connectivity

OnGuard is securely hosted as a single-tenant application on AWS. AWS provides reliability through a combination of features, services, and best practices including multiple availability zones, data replication and redundancy, and disaster recovery.

When it comes to communicating from your site to AWS, all of our communication is fully encrypted by a pair of VPNs (one primary and one backup). These VPNs allow for secure access from your control panels in single or multiple locations to securely connect and report to the OnGuard software application in the cloud.



## The value of single tenancy

Single tenancy in the cloud provides a more robust and dedicated database with greater protections versus a multi-tenant solution.

- Dedicated cloud resources ensure stronger isolation and control
- Exclusive access to resources provides consistent and optimized performance
- Minimized risk of unauthorized access or interference from other tenants compared to multi-tenant environments
- No “noisy neighbors” in the cloud when other users monopolize resources, causing performance issues for neighboring applications

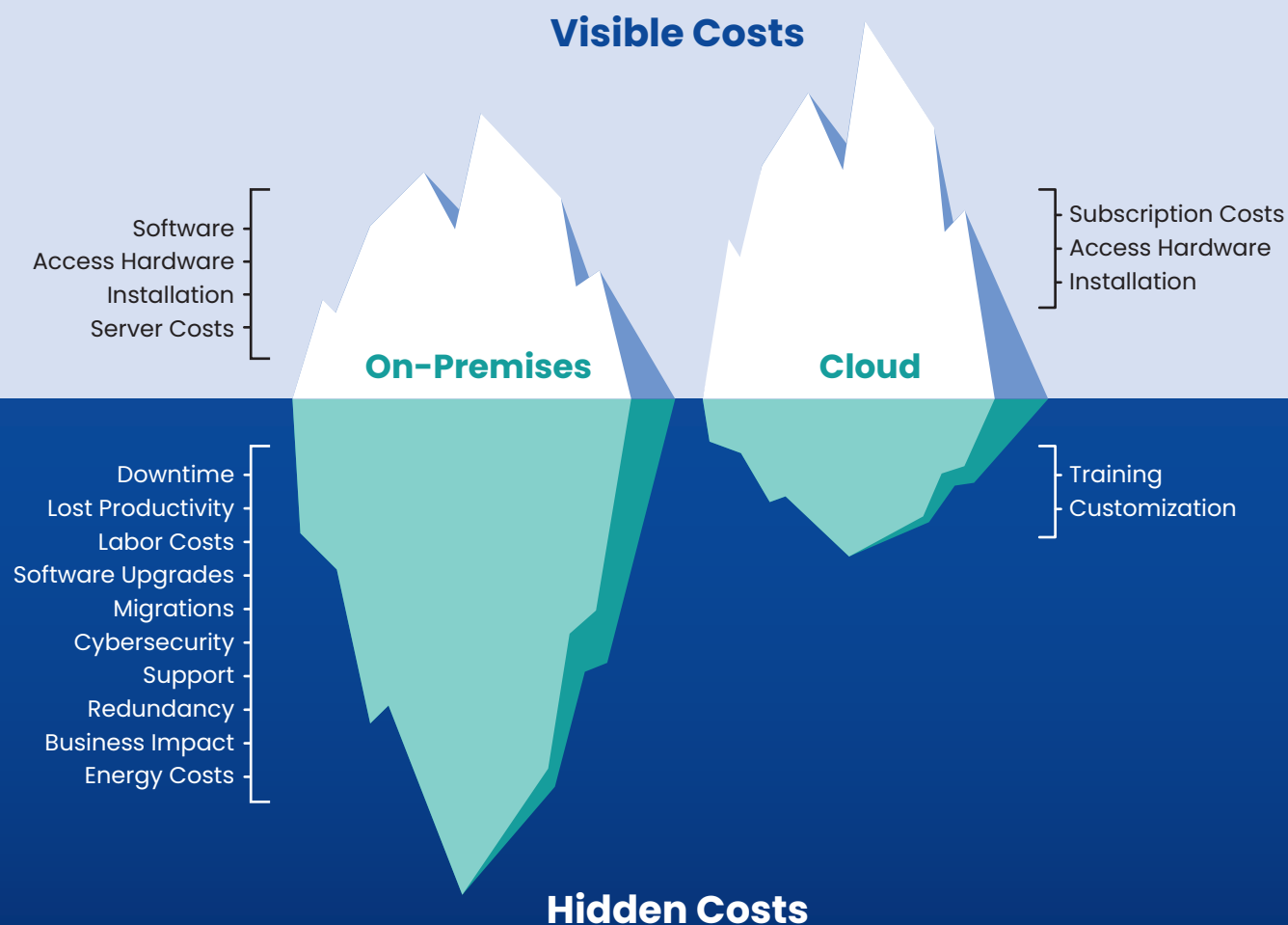
# Total cost of ownership (TCO)

Consider the full picture of your complete access control costs.

When it comes to your access control solution, you want to increase your capabilities – not your TCO. That’s why it’s important to consider all the factors that affect costs.

With on-premises solutions, you’re already aware of visible costs like software, hardware, installation, and server costs. But the hidden costs are where the biggest differences lie in an on-premises system versus a cloud system. When companies consider the cost of their system, they don’t necessarily consider the hidden costs, or those costs may be absorbed elsewhere in the business.

## Take a look beneath the surface.



# TCO comparison example

Contact LenelS2 for a personalized TCO calculation for your organization.

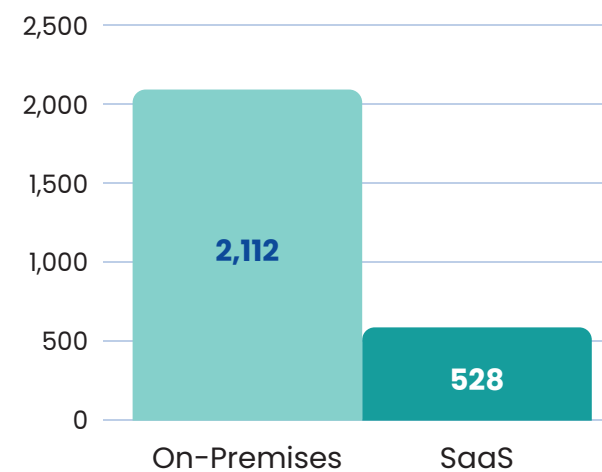
## Example Customer: 1,000 Card-Readers

### Cost Difference On-Premises vs. SaaS

Time Passed	SaaS Savings
1 Year	33%
3 Years	21%
5 Years	18%

### Annual Labor Hours On-Premises vs. SaaS

**1,584 Hours Saved Annually**



## Move to the cloud – and a simplified subscription model.

The value of OnGuard Cloud isn't just in what you get, it's how you get it.

We're talking about a billing model that brings you predictability and transparency on monthly bills – with no more cyclical costs for servers, upgrades to servers, or unexpected server repair costs.

### Usage-based billing:

#### 1 Priced per Card Reader

- Includes most current OnGuard software modules and applications
- AWS-hosted server infrastructure
- 24/7/365 support
- Dynamic system health monitoring
- All OnGuard software and OS upgrades

#### 2 Number of Amazon AppStream Users

- System administrators managing the core functions of OnGuard software

#### 3 Number of VPN Pairs

- Primary tunnel to AWS and backup VPN for system redundancy



## Are you ready to make the move?


For decades, OnGuard has been the most powerful force in enterprise access control. If you're ready to harness that power in an all-new premise and experience groundbreaking, feature-rich access control that eliminates onsite servers, minimizes manual updates, and eases the worries of cybersecurity management, make the move to OnGuard Cloud today and experience all the power with an all-new premise.





## **LENEL:S2**

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