




# Google Cloud Security in the Public Sector

Google Cloud provides defense in-depth security at global scale to protect your critical applications and sensitive data in order to achieve your mission objectives.

## New solves for old vulnerabilities.

Drawing on our experience in protecting eight global businesses with more than one billion customers, our solutions help agencies address their biggest security challenges.

-  **Keep your data secure.**  
The amount of data created and shared is only increasing. We [encrypt data by default](#), and our zero-trust policy and **comprehensive approach to security** helps protect sensitive information from attack.
-  **Stay ahead of the threat.**  
[Visibility into your system](#) helps you stop threats before they become something more. Our integrated security controls and ML help you **identify potential threats**, predict future issues and take action quickly.
-  **Control who has access.**  
Our [identity and access controls](#) help you easily verify users from any location, and **manage what resources and data** they can access on a granular level. We also share details about what's happening with our operations and your data.



“ We believe [BeyondCorp architecture](#), spearheaded by Google, is the architecture of the future. BeyondCorp for zero trust removes authorization and access decisions from single points, and zero trust enables us to scale rapidly, elastically and apply best practices.”

Colin Ahern  
Deputy CISO for Security Sciences, NYC Cyber Command

[Learn more](#)



“ Google Workspace offers the security we need while also providing collaboration and productivity tools that have changed the way we work for the better.”

Morgan Reed  
CIO, State of Arizona

[Learn More](#)

Google Cloud provides best-in-class security from data center to device

10M

spam and malicious emails filtered every minute

100%

of Google Cloud customer data encrypted by default

1000x

the bandwidth of the largest DDoS attacks ever<sup>1</sup>

## Cloud security, and peace of mind, at every level.

We use multi-tiered security and custom build nearly all of our own hardware to ensure software and infrastructure integrity, and provide you with secure solutions for:



### Infrastructure modernization

Our **secure-by-design infrastructure uses layers of protection** to make migrating and modernizing workloads fast and simple with the best reliability and performance.



### Data management

Cloud Data Loss Prevention automates discovery and protection to **keep sensitive data more secure**. And our security controls help you establish a perimeter that mitigates exfiltration.



### Application development

**Anthos** lets you **securely build and manage your applications** on-premises or **across multiple clouds** based on your mission needs and objectives.



### Smart analytics

Industry-leading security tools like [Cloud Identity Access Management](#) help you **secure and govern your data on a granular-level**, so you can safely build and operate mission-critical analytics solutions.



### Productivity and collaboration

Cloud-based collaboration tools, safe browsing and security controls **keeps data and devices safe** while also making it easier for employees to share, connect and get work done.

## Building your trust.

Our end-to-end security model is designed to keep your data safe and support compliance. To earn your trust, all of our products regularly undergo independent verification of security, privacy and compliance controls to achieve certifications against global standards. Read more in [Google Cloud Security Whitepapers](#).

**FORRESTER**<sup>®</sup>

[Leader in Public Cloud Platform Native Security Wave, Q2 2018](#)



ISO 27001



ISO 27017



ISO 27018



FEDRAMP



HIPAA



NIST 800-53



Let's make your operations and missions more secure.

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