

Protect your data and applications

At Google, security is a top priority, and we work tirelessly to protect our customers' data. Google Cloud's end-to-end security model is designed to keep your business and your data secure and compliant.

End-to-end security model

Our model seeks to provide security through the entire information processing lifecycle, with highly secure deployment of services, protected storage for business-critical assets, highly secure communications between services, and an advanced level of security and privacy in communication with customers over the internet. Google Cloud Platform encrypts customer data stored at rest by default and in transit, with no additional action required from you.

Flexible controls and integrations

Google Cloud offers security tools and services that help you meet your policy, regulatory, and business objectives, with an ever-expanding set of controls and capabilities across GCP, G Suite, Chrome, Android and Maps. Our current offerings span infrastructure security, network security, security monitoring and operations, endpoint security, data security, identity and access management, and application security, and also support a rich ecosystem of partner security solutions.

Regulatory compliance

Our products regularly undergo independent verification of security, privacy, and compliance controls, achieving certifications against global standards to earn your trust. Our certifications include ISO 27001/27017/27018, SOC 1/2/3, FedRAMP, and PCI DSS, and EU privacy regulations.

Our commitment to you about your data

Google Cloud customers own their data, not Google. The data our customers put into our systems is theirs, and we do not scan it for advertisements or sell it to third parties. To help keep data private and secure, Google logically isolates each customer's data from that of other customers and users and offers a continuum of encryption key management options to meet your needs.

Related Products

- Android
- Chrome browser
- Chrome OS
- Cloud Identity-Aware Proxy
- Cloud Key Management Service
- Cloud Data Loss Prevention API & G Suite DLP
- G Suite Device Management
- Security Center for G Suite
- Stackdriver
- Vault

Learn More

- [Security](https://google.com/cloud/security)
google.com/cloud/security
- [Compliance](https://google.com/cloud/security/compliance/)
google.com/cloud/security/compliance/
- [Privacy](https://google.com/cloud/security/privacy)
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“ We chose Google because there are security services that you can't get elsewhere, like Identity-Aware Proxy and encryption at rest by default. ”

[Leonard Austin, CTO, Ravelin](#)