

**EVIDEN**

Cloud Security

# **Accelerate your cloud security**

**Your 3 steps guide to keep your cloud  
safe with Eviden and Google Cloud**

# Secure at scale with simplicity by following the Eviden Prevent, Protect and Preserve framework within Google Cloud

Transitioning from a private datacenter to Google Cloud introduces new cybersecurity challenges. While Google Cloud ensures the security of the cloud itself, the “Shared Fate” model emphasizes a collaborative approach to security within the cloud.

As you transition to the Google Cloud, our role as a leading managed security service provider is to assist in assessing potential risks, enhancing security measures and support you to harness the power of Google Cloud in a secure and resilient manner.

As you transition to Google Cloud, our expertise as a leading managed security service provider comes into play. We help in evaluating potential risks, bolstering security measures, and ensuring digital asset protection. Our aim is to support you in fully leveraging the capabilities of Google Cloud securely and robustly.

## Are you prepared for these challenges?

Identifying the key security technologies that will enable you to deploy secure, compliant, scalable and cost-effective cloud models can be challenging. With the

vast range of cloud services available, it can be difficult to determine which security measures are necessary for your specific needs. Moreover, the configuration and management of these security technologies require specialized knowledge and expertise.

Eviden has a commitment to secure everything at scale within the Google Cloud ecosystem. In the spirit of the Google Shared Fate model, as a managed security service provider, Eviden partners with customers, offering a joint approach to ensure security throughout every phase of the cloud transformation journey, driven by our Prevent, Protect, and Preserve approach. We leverage the extensive and robust set of security solutions from Google Cloud and our own proven best practices to provide you with peace of mind and the security your business deserves. Our expertise as a recognized Google Cloud Managed Service Provider ensures that your business operates with good security habits and is able to respond quickly to any potential threats.

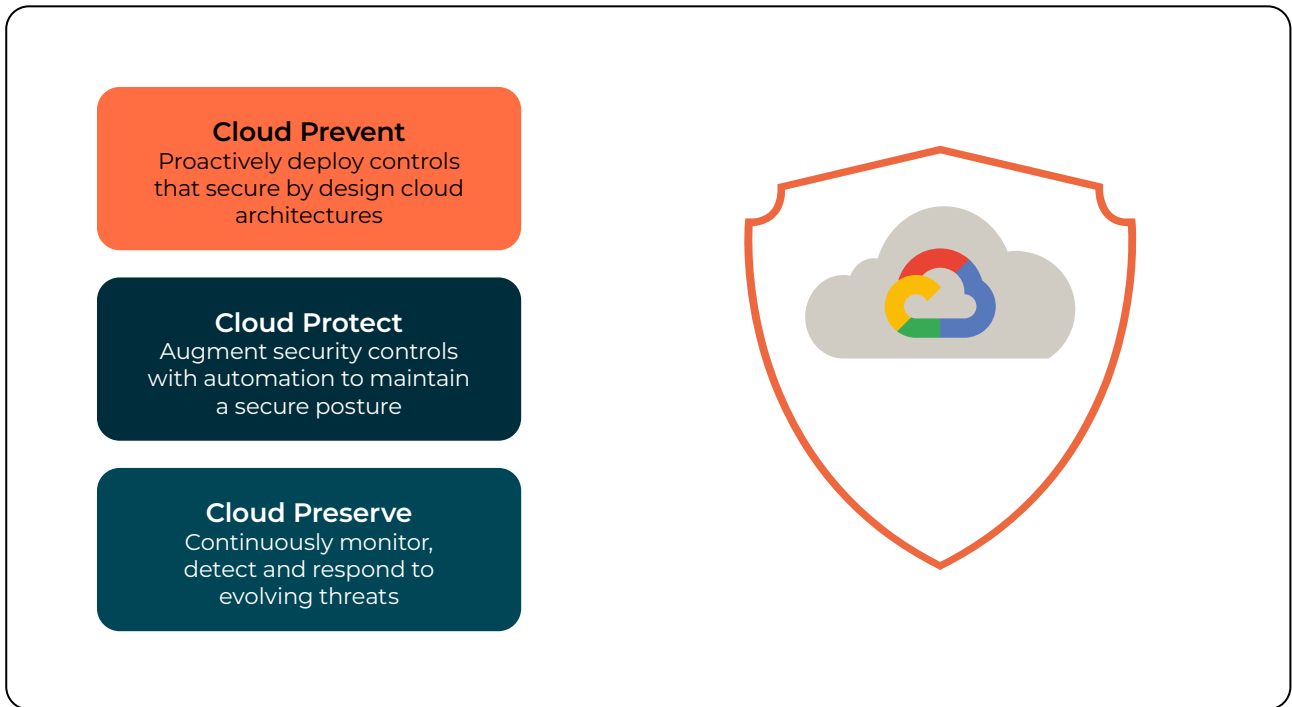
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Cloud-first strategies are now common, even among risk averse organizations. However, execution remains impeded by a lack of necessary skills and tools to ensure secure cloud computing deployments.”

**Tom Croll,**  
Senior Director Analyst, Gartner

# The Eviden approach to Cloud Security

An end-to-end strategy for unified cloud security



|   | When?   | What?   |
|---|---|---|
| <br>Cloud Prevent  | You want to prevent misconfigurations from happening in your cloud infrastructure.                    | Proactively deploy controls that secure by design cloud architectures.  |
| <br>Cloud Protect  | You need to defend against threats and protect your cloud assets dynamically.                         | Augment security controls with automation to maintain a secure posture. |
| <br>Cloud Preserve | Your hybrid and multi-cloud cloud context requires you to preserve your security posture at all time. | Continuously monitor, detect and respond to evolving threats.           |

# Cloud Prevent

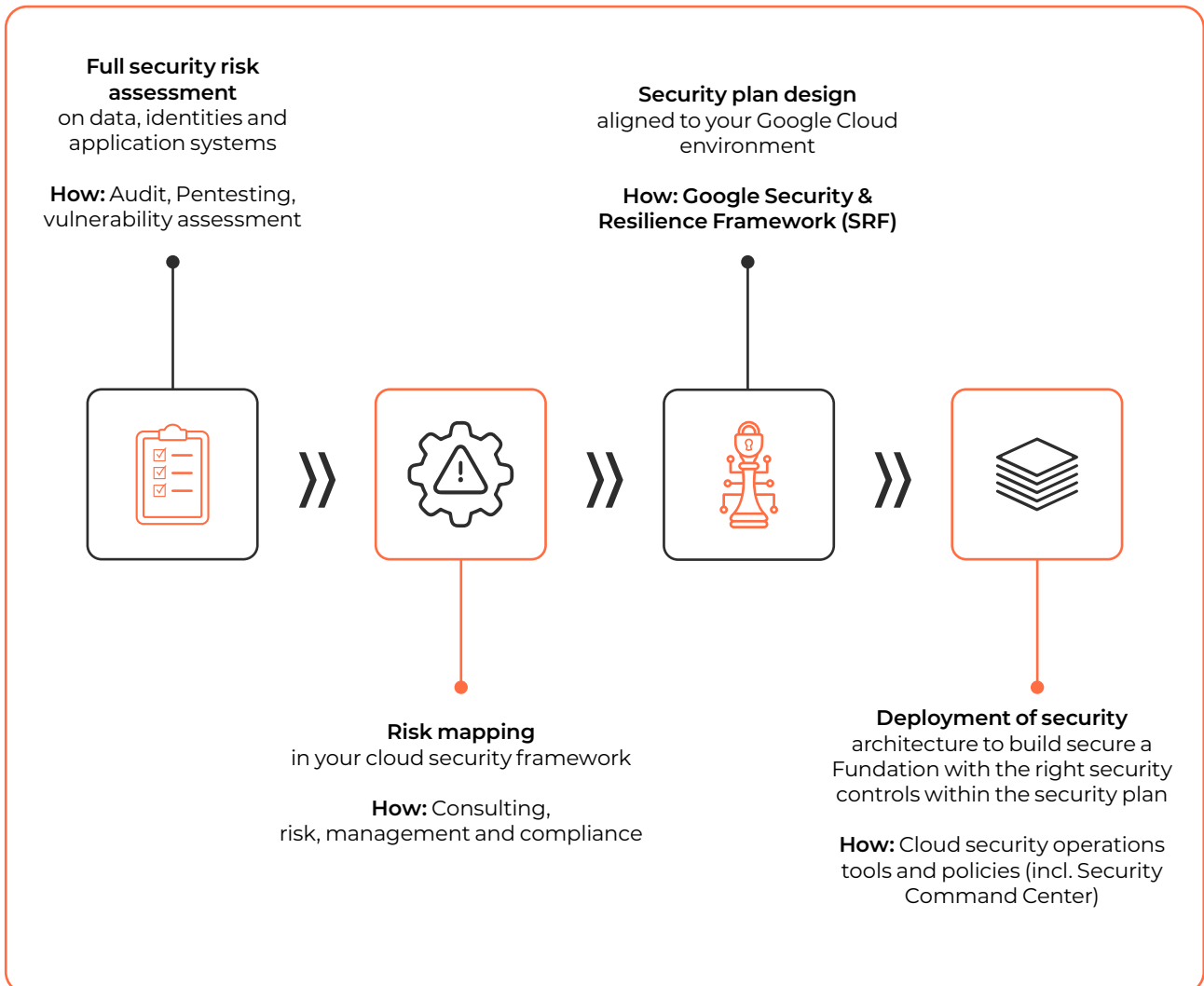
A successful project requires a strong foundation, and prevention is essential in the Prevent, Protect, Preserve framework. By identifying potential risks within your organization before migrating to Google Cloud, you can greatly reduce your exposure against data breaches. This is the stage where you define your security strategy, assess security risks associated with cloud applications, establish security standards and procedures, and implement best practices from the outset of your development process by shifting left security to protect against known threats.

**Objective:** Identify and minimize your cloud risks to narrow your attack surface

**Expected outcomes:**

- Prevent misconfigurations from happening
- Identify and actively manage your cloud risks
- Shift left security by integrating a “secure by design” ethos into development processes and cloud operations

**The steps and tools for Cloud Prevent:**



# Cloud Protect

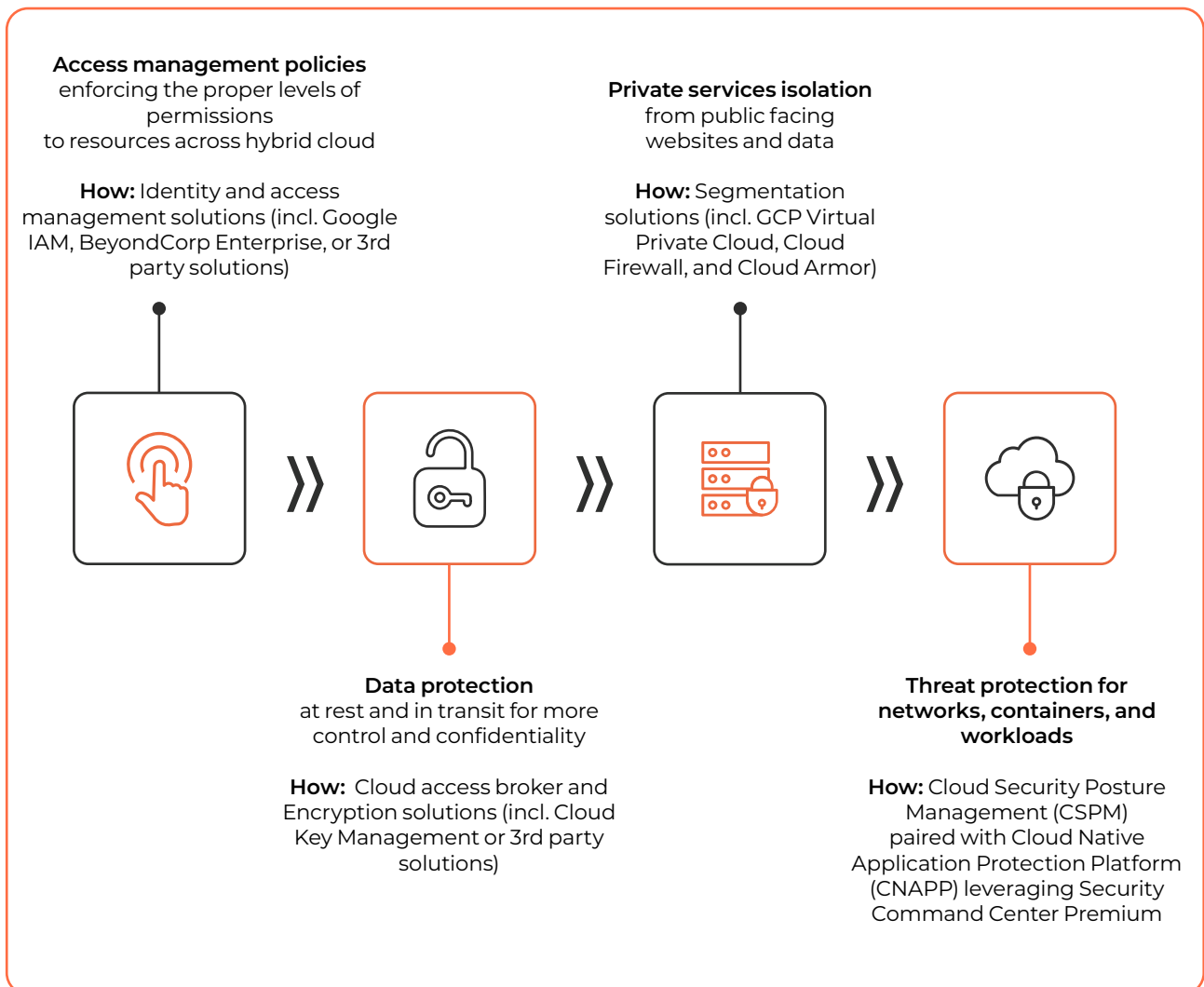
Protection is the next step in your journey and where the security plan is put into action. Cloud Protect involves deploying security controls to protect against the unknown, defend against threats as they happen and safeguard the identity and data assets within the Google Cloud environment. At this stage, you create security policies that provide the appropriate levels of access, permissions, and protection for your resources, and enable advanced threat protection, including for your cloud apps and APIs.

**Objective:** Safeguard your cloud services against the unknown.

**Expected outcomes:**

- Defend against sophisticated threats that may otherwise go undiscovered
- Protect against data loss and bring trust and sovereignty to cloud services
- Manage cloud access risk through effective identity and access policy and control

**The steps and tools for Cloud Protect:**



# Cloud Preserve

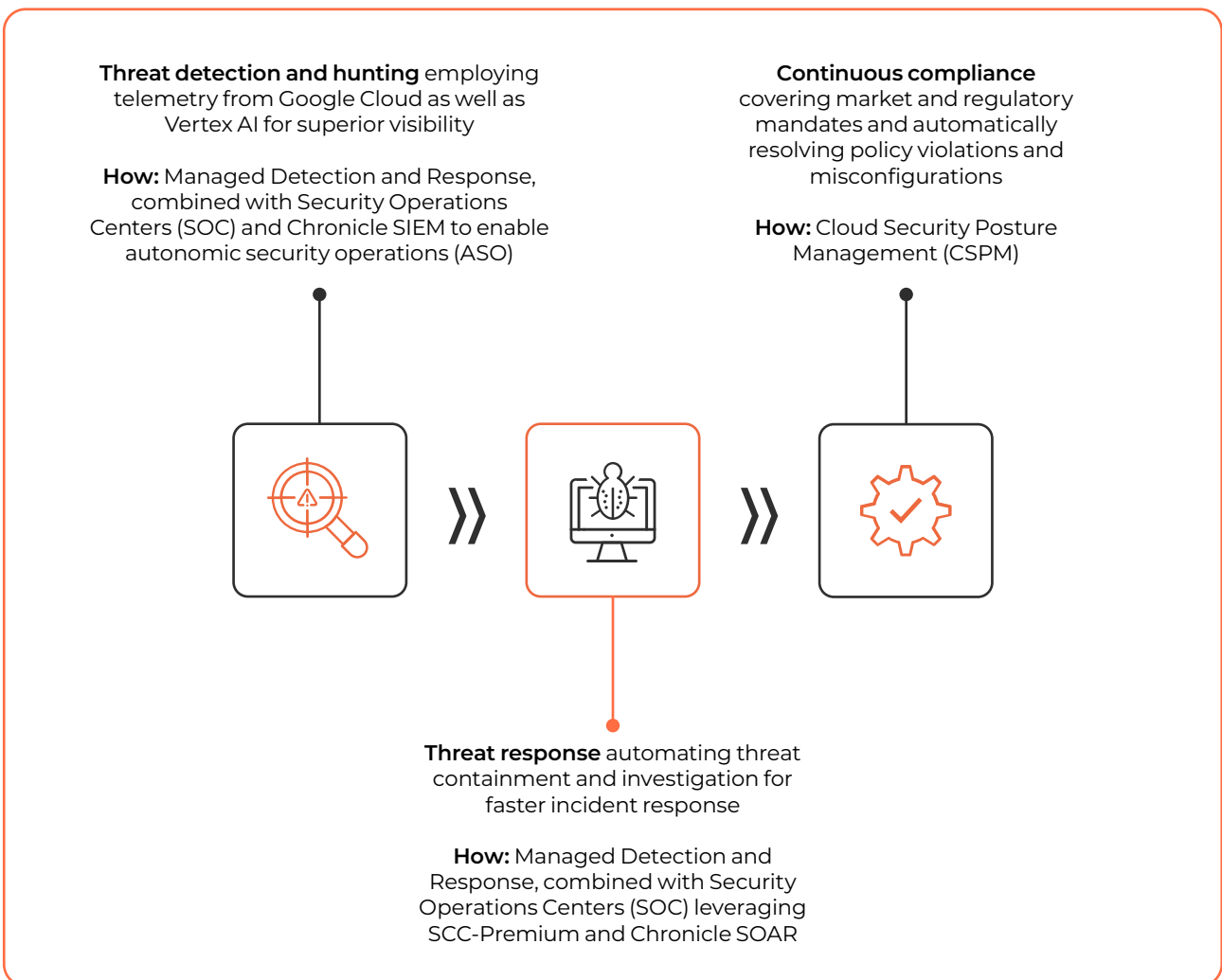
After migrating to Google Cloud, it is crucial to maintain a secure posture by implementing continuous monitoring and management. During this phase, the primary focus is to stay ahead of potential threats by adopting a proactive approach to monitoring and detection, this allows you to anticipate and respond to any evolving threats. This continuous approach to monitoring and detection enables you to turn your learning into action by using what you have defended against to improve your preventive and protective measures to safeguard your Google Cloud environment.

**Objective:** Build a continuous learning approach to threat detection, response and recovery

**Expected outcomes:**

- Preserve a secure state through dynamic posture assessment and correction
- Actively reduce the mean time to detect and mean time respond to threats
- Leverage learnings from IR and posture analysis to continuously improve your overall security posture

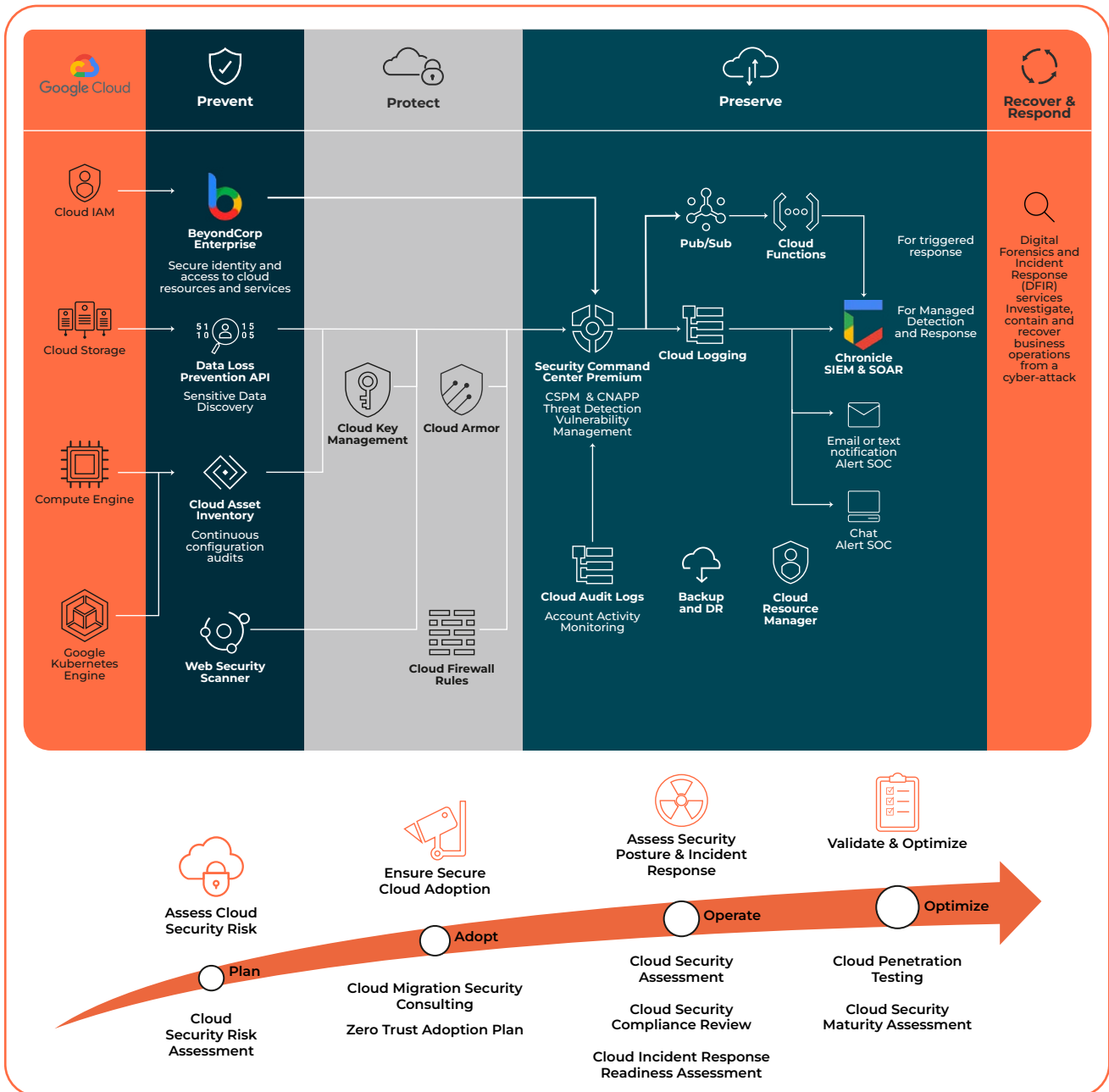
**The steps and tools for Cloud Preserve:**



# Putting Prevent, Protect, and Preserve in action with Google Cloud

Google Cloud provides both built-in security features for the cloud infrastructure and additional toolsets to assist organizations in meeting their specific security needs. This includes a wide range of security tools and features spanning network security, access control, configuration management, and data encryption.

Eviden offers managed security services that utilize and configure Google Cloud's native security tools for improving security posture, detecting threats, and ensuring compliance.



Prevent, Protect, Preserve Cloud Security

Eviden enhances these capabilities by providing Security Operation Center (SOC), reporting, Computer Security Incident Response Team (CSIRT), Security Information and Event Management (SIEM), and Managed Detection and Response (MDR) services through Eviden Alsaac. All GCP telemetry data is sent to Eviden's MDR service, which is staffed 24/7 by security professionals in Eviden's sixteen security operations centers around the world. This service is designed to prevent, protect, and preserve your identity, data, network, and endpoints.





# Getting Started

Cloud management requires specialized expertise, especially in the highly dynamic public cloud. Managed security services can help to provide the latest security practices to keep up with the evolving environment, identify and prevent? Misconfigurations, and ensure compliance with regulatory requirements. With these services, organizations can streamline security operations, reduce alerts, and mitigate risks caused by alert fatigue.

Eviden is not only recognized as a leading expert in security but has also achieved significant recognition as a Google Managed Service Provider (MSP). Over the years, we have garnered 11 Partner specializations, secured 3 MSP competencies, and have been honored as the Security Partner of the Year three times consecutively. We are dedicated to assisting you in achieving comprehensive security at scale. Let our GCP Security Operations strategy guide you through the Prevent, Protect, and Preserve stages to adeptly manage your GCP environment.



## Native Google Cloud Security

|   |   |   |   |  |
|---|---|---|---|--|
| <br><b>Backup and DR</b><br><b>Disaster Recovery</b>         | <br><b>Cloud Key Management</b><br><b>Secrets Management</b> | <br><b>Data Loss Prevention API</b><br><b>Sensitive Data Discovery</b> | <br><b>Cloud Armor</b><br><b>DDoS Protection</b>                    | <br><b>Cloud Asset Inventory</b><br><b>Continuous configuration audits</b>  |
| <br><b>Cloud Firewall Rules</b><br><b>Network Security</b> | <br><b>Cloud IAM</b><br><b>Identity and Access Control</b> | <br><b>Web Security Scanner</b><br><b>Vulnerability Detection</b>    | <br><b>Cloud Logs</b><br><b>Account &amp; Activity Monitoring</b> | <br><b>Security Command Center Premium</b><br><b>CSPM &amp; CNAPP</b><br><b>Threat Detection</b><br><b>Vulnerability Management</b> |



## Enterprise Security

|  |  |   |  |
|--|--|---|--|
| <br><b>Chronicle SIEM &amp; SOAR</b><br><b>Managed Detection and Response</b> | <br><b>BeyondCorp Enterprise</b><br><b>Secure identity and access to cloud resources and services</b> | <br><b>Mandiant</b><br><b>Threat Intelligence, Security Validation and Attack Surface Mgmt</b> | <br><b>VirusTotal</b><br><b>Threat Observatory</b> |
|--|--|---|--|



# Why Eviden

## Strategic advisor

Our cybersecurity consultants support you in all stages of your data sovereignty project.

- Initial assessment to define the trend and trajectory of data protection that will be used to build a technical sovereignty roadmap
- Governance, risk & compliance services aimed to define a C-level strategic security path by targeting identified risks while being compliant with relevant standards.
- Technical roadmap guidance established across people, control processes, and technology.

## Risk-based approach

Benefit from the extensive knowledge base of 6500+ highly experienced, 16 SOCs and certified security professionals from a leading managed security services provider worldwide, recognized by Gartner in 2022 and from the expertise of a worldwide major player managed cloud security services, according to IDC in 2022.

- Maximize the power of your Google Cloud with a tailored and risk-based approach.
- Minimize your in-house costs and time to implement through powerful managed security services.

## Eviden own intellectual property

In-house and certified developed software by Eviden European R&D teams and EU-manufactured hardware

## Evidian IAM

Identity and Access Management (IAM) offering

## Trustway

Hardware Security Module solution, certified under the Common Criteria EAL4+, Reinforced Qualification (ANSSI QR), NATO SECRET and EU restricted agreements

## Alsaac

Patented AI platform powering our SOCs

# Benefit from the Eviden and Google alliance

Eviden and GCP have worked closely to develop uniquely designed solutions to protect and monitor organizations' essential GCP resources in hybrid and multi-cloud environments.

Eviden has been named as leading Managed Security Service Provider, recognizing our key role as a managed security service provider to helping customers drive innovation and protect their digital assets on with Google Cloud. Eviden and Google Cloud have also established formal global partnership to deliver secure hybrid cloud solutions to the enterprise. We have also been recognized as an Google Managed Service Provider (MSP), over the years invested in achieving 11 Partner specializations, 3 MSP competencies, and even Security Partner of the Year 3x in a row. Eviden has received the 2022 Google Cloud Specialization Partner of the Year, Work Transformation Enterprise Award.

Eviden also offers Evidian Identity-as-a-Service on the Google Cloud marketplace, integrating bleeding edge multi-factor authentication (MFA), identity federation and Single-Sign-On (SSO) solutions for an outstanding user experience with an added level of security and providing data sovereignty.

By partnering with Eviden and leveraging Google Cloud, businesses can entrust their digital assets to a leading managed security service provider.

With this combined advantage, customer can access a global community of highly trained security experts and achieve your digital sovereignty transformation journey in Google Cloud environments.



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