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About Confidential Computing

Confidential computing represents a breakthrough advancement in data security. It enables environments - whether container, application or VM - to **run in a fully encrypted form**.

This means that throughout the entire operational cycle, from startup to termination, these environments remain encrypted. Data and program flows are **cryptographically isolated from the rest of the system** thanks to this runtime encryption.

Only the CPU - and no other components or processes - can decrypt this encrypted environment, execute instructions, and then store results in encrypted form again.

enclaive Multi Cloud Platform

Your Gateway to Next-Generation Cloud Security

eMCP (enclaive Multi-Cloud Platform) revolutionizes cloud security, offering seamless access and management of resources within a confidential cloud environment.

TeleTrust Innovation Award 2024
enclaive Multi-Cloud Platform
★★★

The enclaive Multi-Cloud Platform (eMCP) is a comprehensive solution for managing and securing your cloud resources. With eMCP, transition to a confidential cloud environment effortlessly and maintain control over your data and applications. Leveraging hardware-based trust and a software-secured architecture, eMCP ensures three-dimensional protection for your data at all times.

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Current Challenges

Security

Storing sensitive data in the cloud raises concerns about unauthorized access and data breaches due to single points of attack.

Compliance

Meeting regulatory requirements for data protection can be challenging in a shared environment, especially when managed by third-parties.

Unpredictable Costs

While cloud computing can provide cost savings, it can also lead to unpredictable costs if usage isn't carefully monitored and managed.

Vendor Lock-In

Organizations may become dependent on a specific cloud service provider's technologies, making it difficult to switch providers.

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Virtual HSM:

- Protect Key Management Systems and Identity Access Management with hardware-graded security. Manage secrets and control user access to workloads in any environment with ease.
- Decouple trust from the cloud environment using Vault and Nitride to achieve a secure and comprehensive cloud ecosystem.

Confidential Virtual Machines (VMs):

- High-Performance Backbone: Create a secure and isolated infrastructure backbone. Protect data and applications from unauthorized access, even in public clouds.
- No Code Changes Needed: Maintain existing code and infrastructure with seamless integration.

Confidential Kubernetes:

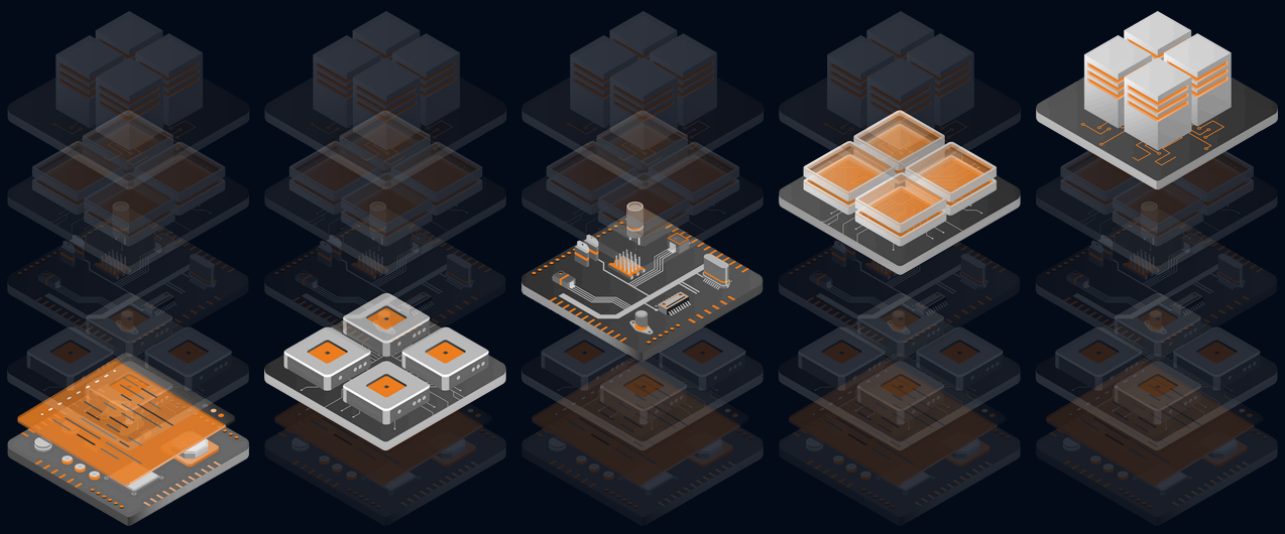
- Secure Kubernetes Environment: Deploy and scale containerized workloads with zero-trust infrastructure, ensuring data remains confidential throughout its lifecycle.
- Compliance and Authenticity: Verify application components for authenticity and regulatory compliance.

Managed Databases:

Advanced Security: Host sensitive data with industry-leading security and privacy protection, keeping data encrypted at rest, in transit, and in use.

Managed Applications:

Managed Solutions: Choose from a portfolio of pre-configured confidential applications, managed by enclaive, to save time and resources.



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Why Choose eMCP?

Flexibility

Supports various IT environments and is multi-tenant, ideal for Managed Service Providers (MSPs).

Customizable

Easily create and manage your own applications and environments.

No Data Access

eMCP never accesses personal or application data.

Scalable

Add admin and user accounts as needed, with flexible monthly billing.

Provider agnostic

Compare between various cloud providers. We've got the infrastructure and price for you.

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Deployment Options

eMCP On Premise

- Private, within your own data center

eMCP as PaaS

- This is the primary method for deploying eMCP as a Platform-as-a-Service (PaaS).
- Register at: console.enclaive.cloud/registration

White Label Option

- Create your own confidential service with custom branding.

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Learn more

About enclaive

enclaive enables businesses to securely **protect their sensitive data and applications in untrusted cloud environments** by leveraging the use of Confidential Computing.

Its comprehensive, multi-cloud operating system allows for **Zero Trust security** by encrypting data in use and shielding applications from both the infrastructure and solution providers.

With enclaive, businesses can confidently build, test, and deploy a wide range of cloud applications, all while **maintaining complete control over their confidential information**. enclaive's goal is to provide a universal, cloud-independent technology for enclaving sophisticated multi-cloud applications, that can be deployed with confidence and ease.

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Making the Cloud the safest place for digital businesses