



Microservice Encryption

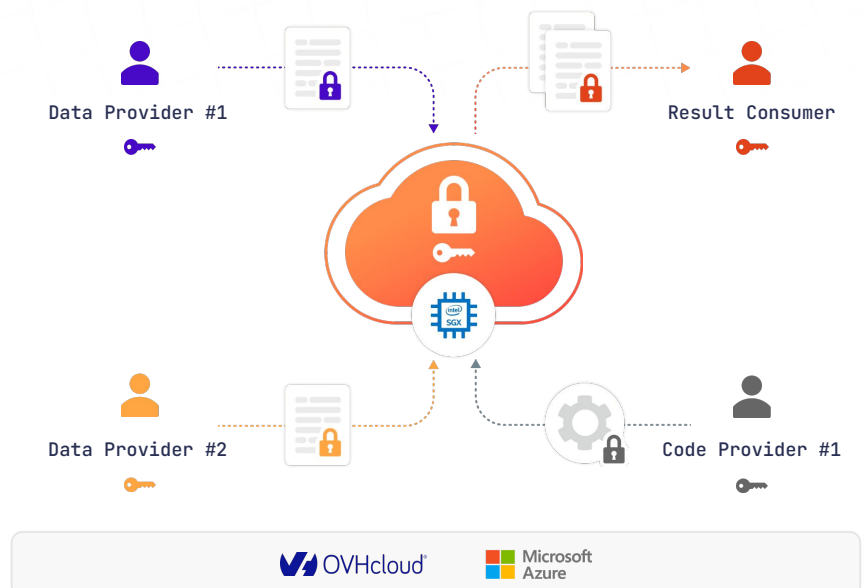
Run encrypted code on encrypted data with a simple deployment of a confidential microservice

Microservice Encryption offers improved security, higher performance while you make computations with sensitive data.

And it's open source.

Cosmian Microservice Encryption allows you to execute code in a complete confidential computing cloud service, with a simple upload command line.

Our cryptography technology provides you a security layer of advanced encryption, preventing interferences from outside parties to ever expose your data.



Fully Encrypted SaaS

Build fully confidential SaaS applications in the cloud, protecting both application code and data from the cloud provider.



Enable confidential collaborative computing

Easily deploy confidential computations and data rooms in the cloud where data providers and code providers hide their data and code from both the other participants and the cloud.



Easier to deploy

Microservice Encryption is a last-generation FaaS: write a microservice as a standard Python Flask service, then encrypt it and deploy using a single command of the Cosmian CLI.

**Try Cosmian Confidential Services with Intel SGX
Powered on Microsoft Azure and OVH Cloud**

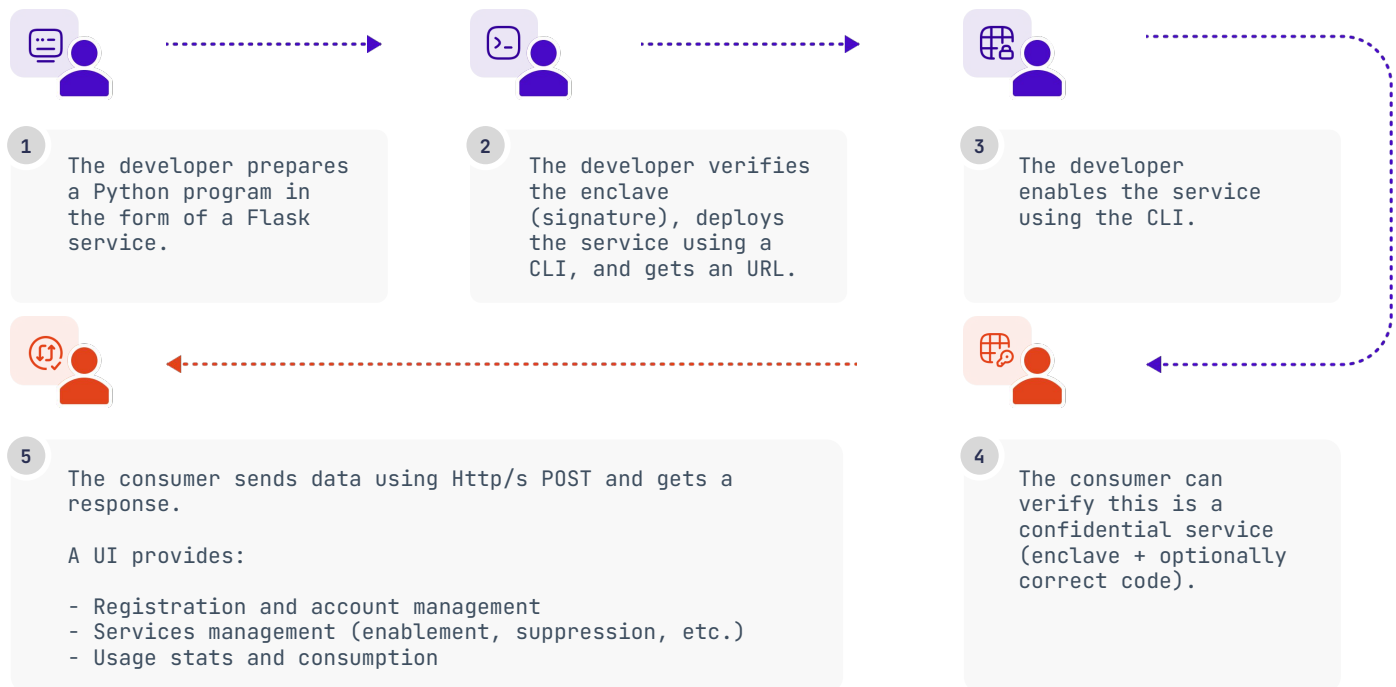


Contact us at hello@cosmian.com



Microservice Encryption

How it works



Cryptographic Technology

The platform is built on top of Intel SGX enclaves with additional cryptographic stacks assembled by Cosmian to ensure a fully confidential and verifiable environment.

A detailed description of the security stacks and models is described in the online documentation.

Packaging

The Cosmian platform is offered as a SaaS offering. The code provider only needs to download the Cosmian Command Line Interface (Cosmian CLI) to deploy its microservices.

The platform technology can also be offered to customers for deployment on their own SGX-enabled servers.



Pricing

Usage based on the (monthly) enabled capacity CPUs+RAM.



About Cosmian

Cosmian is the leading platform for securing sensitive applications and data through the use of advanced cryptographic technologies. Data is encrypted everywhere and at all times: this is Ubiquitous Encryption.