

EVIDEN

Cosmian kms offers native integration with Client-Side Encryption in Google Workspace.

Protect your data across the entire suite, including Gmail and Meet applications, ensuring security from unauthorized access.

[Request a demo!](#)



Our confidential Key Management System, Cosmian kms, offers native integration with client-side encryption (CSE) in Google Workspace, protecting data across the entire suite, including Gmail and Meet applications.

CSE is especially beneficial for organizations that store sensitive or regulated data, like intellectual property, healthcare records, or financial data. This guarantees security against unauthorized access without compromising the user experience.

Ensure files confidentiality in Google Workspace

A direct communication with Google allows your data to be protected in the entire Google Workspace suite. With CSE, you can add an extra layer of encryption to your organization's data.

Data protected by client-side encryption includes:

- Files created with Google Docs Editors (Docs, Sheets, Slides)
- Uploaded files, like PDFs and Microsoft Office files
- Google Meet
- Google Calendar

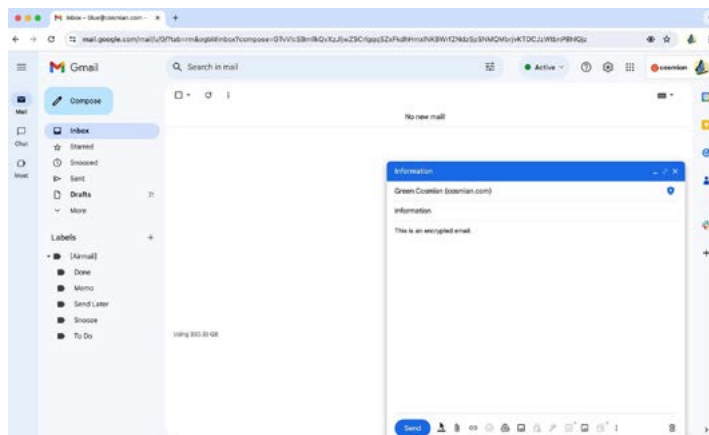
Your files are encrypted and decrypted on the fly, ensuring that **Google no longer has access to plain text content and to decryption keys for enhanced security and confidentiality.**

- **Full control over data**
A seamless interface with Google Workspace applications allows your files to be transmitted already encrypted, and be decrypted on the fly, giving your organization greater control over access to your data.
- **Maintained user experience**
Using familiar tools in complete security, while protecting your data and ensuring the continuity of your day-to-day operations, has never been easier.
- **Enhanced protection**
End-to-end encryption allows to safeguard data across the entire Google Workspace suite from prying eyes.

Beyond the Google Drive suite, secure your Gmail seamlessly

Experience the highest level of email security without changing your workflow. **Cosmian enables you to encrypt Gmail**, leveraging Google's Client-Side Encryption (CSE) capabilities. **We ensure encrypted email exchanges between Gmail users and non-Gmail users, maintaining confidentiality through S/MIME standards.**

- Experience encrypted Gmail with unmatched simplicity and interoperability
- Stay within your familiar email environment
- Ensure your staff communications remain private and secure with minimal effort.



Effortless documents and communications encryption, maximum privacy.

1. Initial configuration of Google Workspace by your system administrator

Cosmian kms (Key Management System) is designed to meet Google's specifications and protocols. We have integrated the access points mentioned in the Google documentation. Here are the steps your system administrator should follow:

- Set up CSE for your organization: Activate CSE, download the master certificate, configure the KMS and finally configure the identity providers.

That's all there is to it! Cosmian kms communicates directly with the Google Workspace application API.

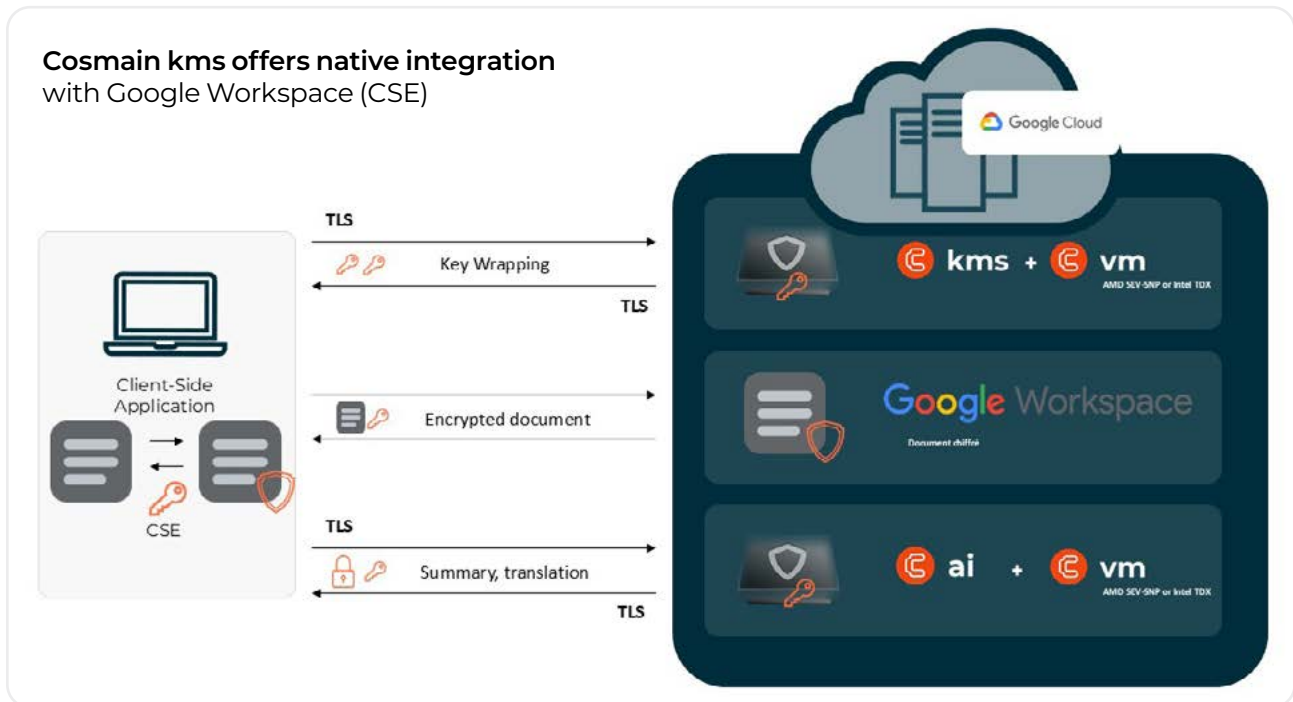
2. User deployment

For each user, the system administrator must :

- Enable CSE in the Google Admin interface
- Grant access to the 'google_cse' key in the KMS
- Generate certificates (private key - public key) and upload certificates and identities to Gmail API (for encrypted Gmail).

With Cosmian kms, the steps involved in generating certificates and uploading certificates and identities are fully automated and centralized. This makes it possible to create a large number of users in a single operation, greatly simplifying the process and saving time.

NB: The editions supported for this feature are : Enterprise Plus, Education Standard, Education Plus.



Advantages of deployment with Cosmian kms

Using the Cosmian Key Management System (KMS) for Google Workspace applications encryption offers several benefits for enhancing data protection in your organization:

Mass Deployment

Manage a large number of users in a single operation.

Unified Automation

A single tool and script for the entire operation.

Robustness and Speed

Reduces production time and increases reliability.

Start to secure your files and communications without compromising the user experience of Google Workspace applications.

Contact us!

Connect with us



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