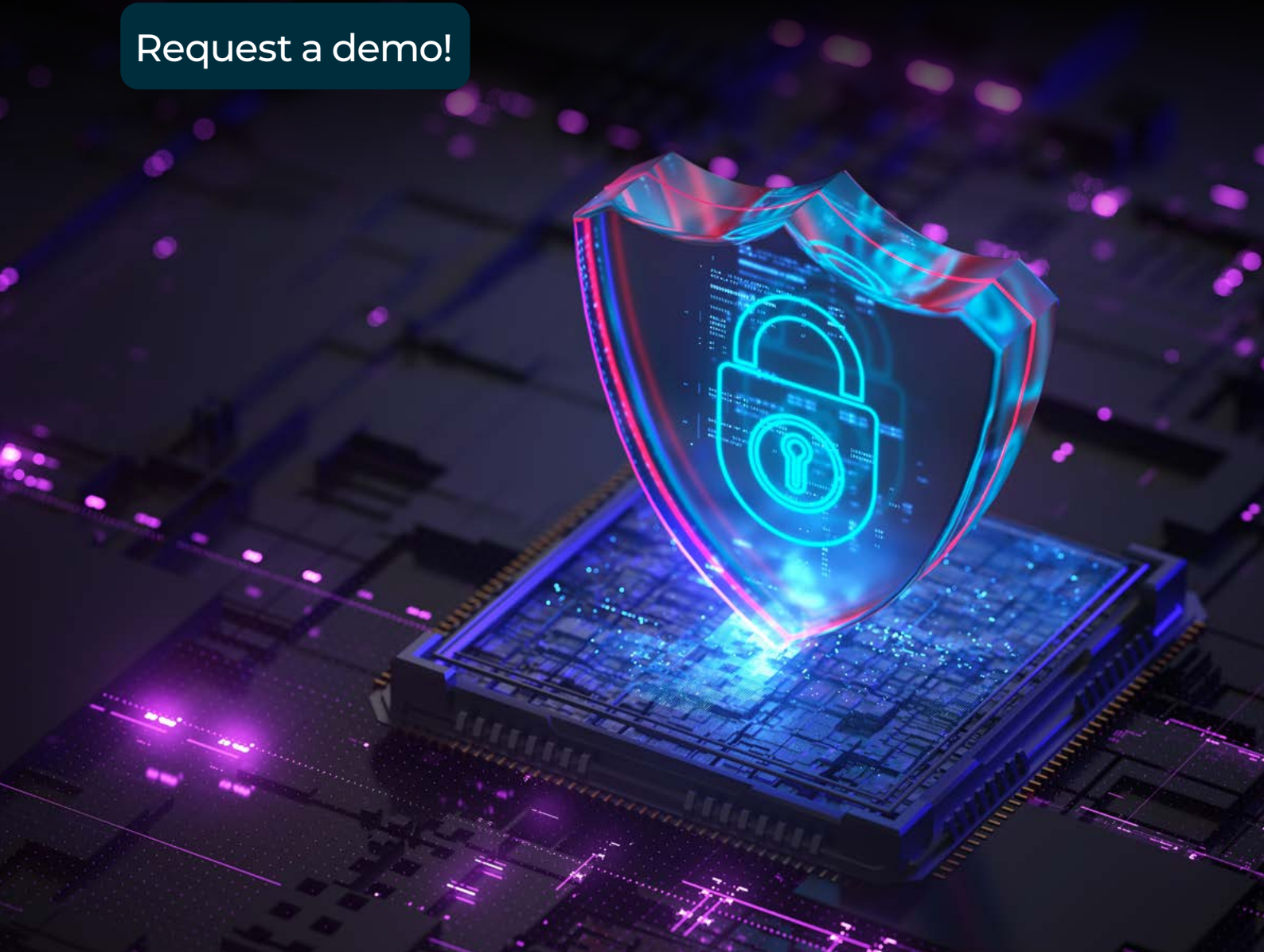


# EVIDEN

## Effortlessly deploy the only plug-and-play VM

That guarantees the integrity  
and security of your environment,  
free from complexities.

[Request a demo!](#)



Eviden vm is a verifiable confidential virtual machine to easily protect your data in the cloud at every stage of its life cycle: at rest, in transit, and during processing.

## A secure, high-performance and verifiable virtualized environment

- **Familiar environment:** Eviden vm is a Linux distribution, so it integrates seamlessly with your existing tools and workflows, requiring no additional learning curve.
- **Effortless cloud migration:** Ideal for those moving to the cloud, it simplifies deployment without sacrificing confidentiality. You get the ease of cloud deployment with on-premises security.
- **Time savings:** Automates verification processes, saving you time and reducing manual intervention.
- **Enhance security:** Strengthens your security posture by ensuring that your cloud provider maintains the integrity and security of your VM. Continuous monitoring and snapshot verification guarantee that no unauthorized changes have occurred.

## Eviden vm' key features

### Advanced confidential computing

- **Memory encryption:** Operating within a Trusted Execution Environment (TEE) and employing encrypted memory, our hardened VM ensures confidentiality and adds an extra layer of protection, safeguarding sensitive data even if physical memory is compromised.
- **Disk encryption:** The Comian VM feature ensures the disk is encrypted with a key that is not accessible by the cloud provider.
- **End-to-end encryption:** Embracing all encryption states, our solution secures data processing, ensuring protection throughout its lifecycle.

### Environment verifiability

- **Software installation and snapshot verification:** Install any Linux software and verify smooth operation before snapshotting. The snapshot, generated by the onboard Service Agent, captures hardware, boot sequence, and installed software with unique signatures.
- **Secured deployment in the cloud:** Once deployed in the cloud, your machine runs securely, enabling users to access and utilize software with confidence.
- **Continuous monitoring and verification:** Administrators can check boot, running software integrity, and absence of unauthorized changes, maintaining machine state consistency.



# What makes Eviden vm stand out?

- **High performance**  
Achieve high performance with less than 5% overhead for Confidential Computing efficiency.
- **Streamline experience**  
Consistent and streamlined deployment experience across all hardware and cloud providers, ensuring ease and efficiency for administrators.
- **Effortless cloud integration**  
Seamlessly enable the Confidential VM feature in GCP, Azure, or AWS for Eviden's solution, integrating smoothly with existing tools and workflows without changing current applications.
- **Seamless configuration**  
No code modifications or third-party libraries needed, simplifying deployment. Minimal manual configuration that enhances ease of use and reduces setup complexities.
- **Verifiability**  
Perform integrity checks over time to verify the running code and infrastructure, with each verification taking only 3 to 4 seconds, allowing for quick checks at any time.
- **Advanced compatibility**  
Compatible with AMO SEV-SNP, Intel TDX, TPM, and vTPM, ensuring broad hardware compatibility. Supports all platforms and will soon include confidential GPUs.

## How you set up & run Eviden vm?

### Verifiable Confidential Virtual Machine

| Machine and application setup |                                     |                                            | Application running                                                              |   |   |
|-------------------------------|-------------------------------------|--------------------------------------------|----------------------------------------------------------------------------------|---|---|
| 1                             | 2                                   | 3                                          | ✓                                                                                | ✓ | ✓ |
| Install Eviden vm             | Install Application dependencies    | Snapshot Eviden vm                         | Perform integrity checks over time to verify the running code and infrastructure |   |   |
| 2mins via the marketplaces    | Standard software installation time | 3 to 4 minutes to capture a 20 MB snapshot | 3 to 4 seconds for verification                                                  |   |   |

Considering migrating your sensitive data and applications to a cloud provider but worried about security risks?

Look no further than Eviden vm.

Contact us!

Connect with us



**eviden.com**

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