A Data Protection Platform for the Privacy and Compliance Era

The Virtru Data Protection Platform helps organizations unlock the power of data by enabling DevOps teams to rapidly develop applications and workflows with data-centric protection built-in.

Development teams are building applications and workflows at a record pace to keep up with the data sharing, workforce productivity and innovation goals of the modern enterprise. Open source tools, containers, and low code development platforms have accelerated the release process, making it tough for security practitioners to keep up. Mounting concerns about breaches and privacy legislation means that today's applications must incorporate stronger data controls, yet developers typically don't have cryptographic expertise.

With access to the Virtru Platform, developers are empowered to proactively protect the data utilized by their applications without slowing down the development process. The proven data protection architecture and out-of-the-box applications used by over 5,000 organizations for file and email protection today are now open and extensible to any platform for endless use cases.

Secure Applications with the Virtru Data Protection Platform

Prevent Data Exposure

Accelerate your move to the cloud (or multi-clouds) with a layer of end-to-end encryption that protects data from unauthorized access— even from cloud providers—while ensuring continuous compliance with changing regulations.

Make your Data Accessible

Too many organizations lock down data in fear of a breach. Drive growth and new product development by unlocking access to data. Audit and revoke controls give teams the ability to collaborate with confidence.

Innovate at Scale

Virtru eliminates the burden of creating and scaling data protection infrastructure across the entire data lifecycle from preparation to analysis so you can focus on delivering the next great application.

Protect Data Wherever it is Accessed, Stored, or Shared.

Proven Architecture Used by 5,000+ Customers

Virtru's Zero Trust architecture ensures that data and encryption keys are stored separately so that only authorized parties can access unencrypted content. The Trusted Data Format (.tdf)—our data-agnostic, protective wrapper—enables secure and auditable information sharing in any environment.

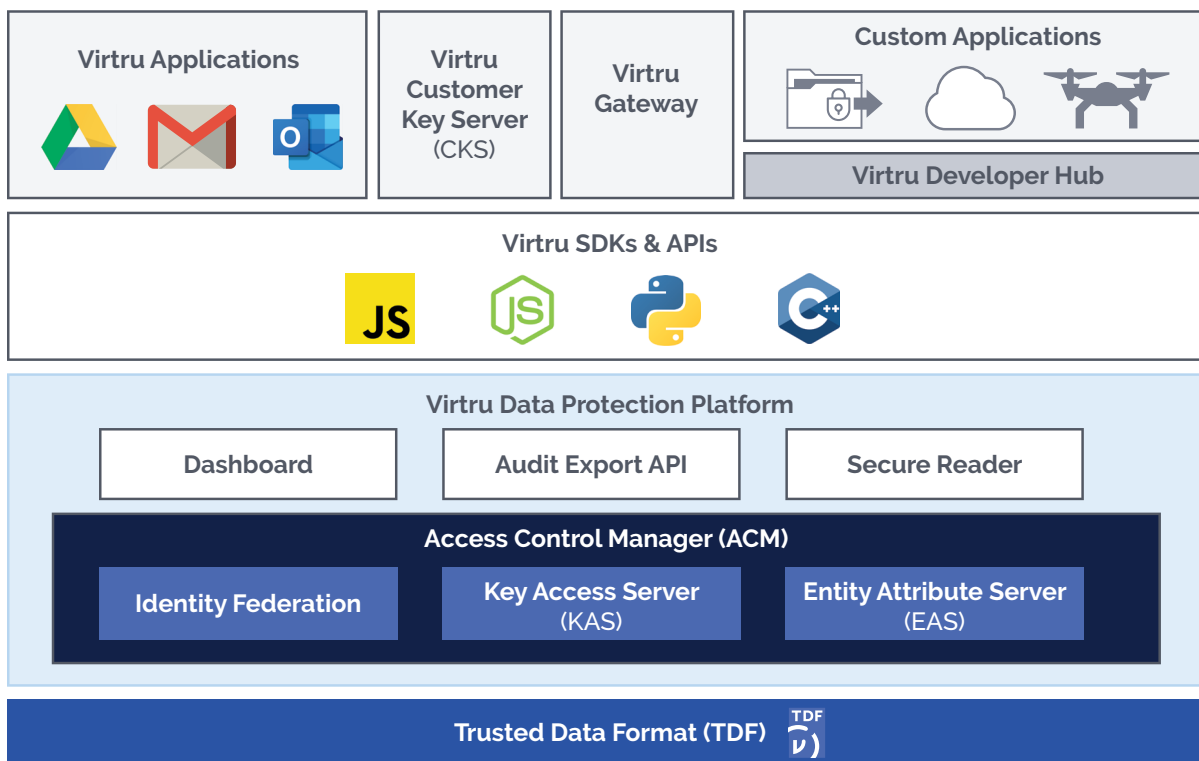## Persistent Protection & Control

Take advantage of pre-built granular control features including expiration, revocation, watermarking, and disabled sharing—even in multi-cloud deployments. Watermark files to deter leaks, and maintain persistent control wherever files are shared.

User-First Technology

Leverage Virtru's pre-built applications. The web-based Secure Reader eliminates the need to create new accounts, install software or download attachments in order to view encrypted content, while the administrative dashboard supports seamless policy management and granular, exportable event logs for audit reporting.

Virtru Platform Architecture Overview

Virtru Applications	Virtru Customer Key Server (CKS)	Virtru Gateway	Custom Applications
			Virtru Developer Hub

Virtru SDKs & APIs

JS · JS · Python · C++

Virtru Data Protection Platform

Dashboard	Audit Export API	Secure Reader

Access Control Manager (ACM)

Identity Federation	Key Access Server (KAS)	Entity Attribute Server (EAS)

Trusted Data Format (TDF)

The Virtru Platform supports a wide range of use cases for protecting data across environments, applications, and devices:

Cloud Data Protection

Add a layer of object-level encryption in your cloud environment(s) to protect your data against unauthorized access and human error.
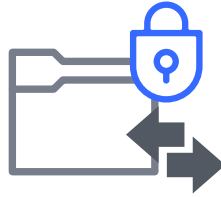
Secure File Sharing

Supplement your current file sharing solution or workflow with data-centric protection, control, and visibility.

IoT Data Protection

Protect data as it travels from device to the cloud with attribute-based access controls (ABAC) that enable revocation and expiration.

GE Aviation

"GE Aviation Systems has leveraged the new developer access to the Virtru Data Protection Platform to demonstrate the security and integrity of data collected by the M100 UAS Avionics and ground sensors. We are excited to bring this data security capability to our Government and Commercial Customers."

- Stephen Yantko, Advanced & Special Programs, GE Aviation

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Visit the Virtru Developer Hub for SDKs, sample applications, and a free trial. developer.virtru.com

At Virtru, we empower organizations to unlock the power of data while maintaining control, everywhere it's stored and shared. Our portfolio of solutions and tools—built on our open data protection platform—governs data throughout its lifecycle. More than 20,000 organizations trust Virtru for data security and privacy protection.