

# Securely manage and store secrets on premise and in the cloud – compliant and audit safe.

One of the foundations of digital transformation is data protection. Data is processed and stored by applications on-premise and in the cloud. The secure and centralized management of the permissions, access and usage of these applications are ensured by HashiCorp Vault Enterprise.

Given the costs and fines a data leak can cause, organizations need to ensure they are taking the necessary steps to comply with increasingly complex laws, policies, and regulations. The combination of the HashiCorp Vault Enterprise with Trustway Proteccio ensures compliance through multi-certified security.

Atos and HashiCorp provide comprehensive encryption. It allows organizations to protect their data, processed and stored by applications on-premise and in the cloud, from being accessed by any external individual or organization. This includes the cloud operator who is hosting the data and applications

Atos' Trustway Proteccio is a certified Hardware Security Module (HSM) that safeguards and manages digital keys to protect critical data from unauthorized use or theft. HSM can be used for entropy augmentation, the Vault cryptographic seal, but also for Bring Your Own Key (BYOK) cases for certificates and the transit engine.

Vault is an identity broker that offers Secrets Management capabilities, as well as EaaS and PKI capabilities.

Combined with HashiCorp Vault Enterprise, Atos offers a certified level of security for organizations which is often required by regulations the organizations need to comply with.

**21%** of all files in the cloud contain sensitive data



## Solution Benefits



### Complete control

Securing of the Vault root key within a cryptographic boundary that uses access control mechanisms, so the key is only used for its authorized purpose



### Always accessible

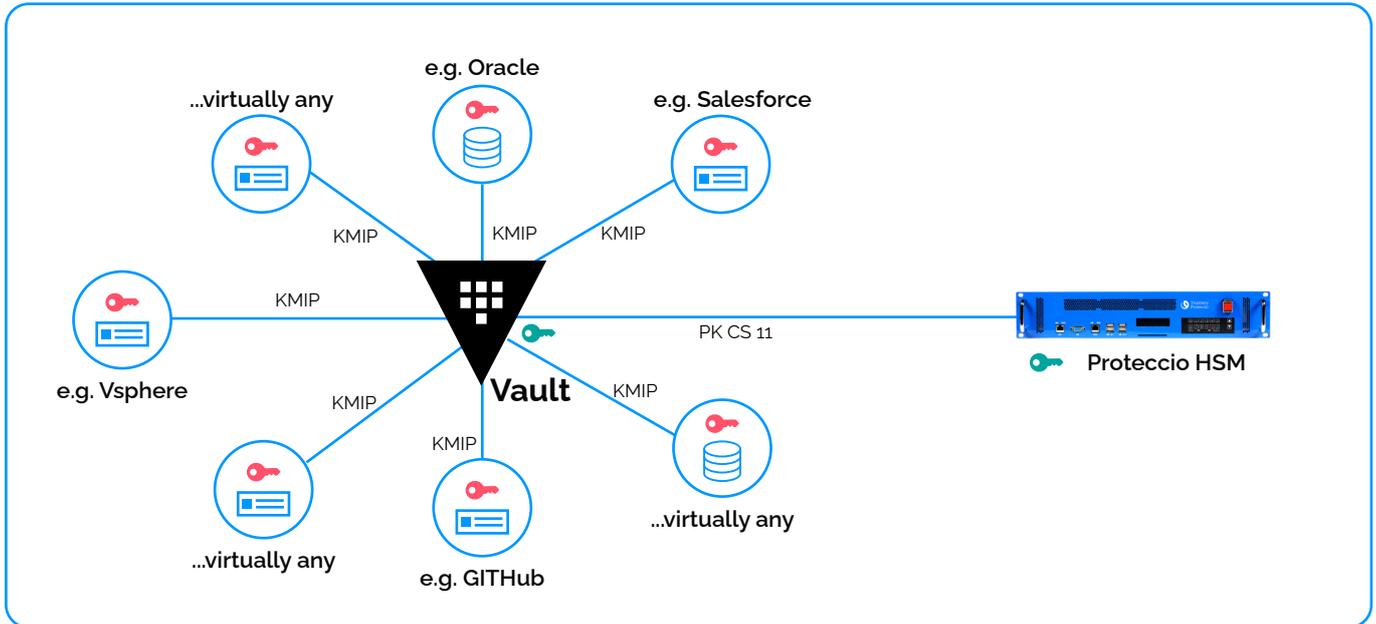
Root key availability using management, storage, and redundancy features to guarantee it is always accessible when needed by HashiCorp Vault Enterprise



### Superior Performance

Delivery of superior performance to support demanding multi-cloud applications

# How it works



Centralizing secrets management across the organization enables uniform policy enforcement and facilitates auditing and regulatory compliance but requires high security.

Trustway Hardware Security Modules wrap and protect root keys used by HashiCorp Vault Enterprise centralized secret management solution

**79%** of companies surveyed in an IDC study have experienced a cloud data breach in the past 18 months.

The combined solution from Atos and HashiCorp enables customers to efficiently protect their confidential and sensitive data in compliance with standards.

Who uses which applications, when and why, is stored in an audit-proof fashion. This works across all platforms for all systems, servers and clients in an IT infrastructure. Naturally also in mixed cloud and on-premise environments. The solution uses keys generated and stored on the certified Trustway Proteccio HSM. This is done under the exclusive control of the customer. The customer's own key is thus brought along. Access to the data is never possible without the customer's permission. The solution combination of Hashicorp Vault Enterprise and Atos Trustway Proteccio enables the certified secure usage.

## About Atos

Atos is a global leader in digital transformation with 112,000 employees and annual revenue of c. € 11 billion. European number one in cybersecurity, cloud and high performance computing, the Group provides tailored end-to-end solutions for all industries in 71 countries. A pioneer in decarbonization services and products, Atos is committed to a secure and decarbonized digital for its clients. Atos is a SE (Societas Europaea) and listed on Euronext Paris.

The [purpose of Atos](#) is to help design the future of the information space. Its expertise and services support the development of knowledge, education and research in a multicultural approach and contribute to the development of scientific and technological excellence. Across the world, the Group enables its customers and employees, and members of societies at large to live, work and develop sustainably, in a safe and secure information space.

## About HashiCorp

HashiCorp is a leader in multi-cloud infrastructure automation software. The HashiCorp software suite enables organizations to adopt consistent workflows and create a system of record for automating the cloud: infrastructure provisioning, security, networking, and application deployment. HashiCorp's portfolio of products includes Vagrant™, Packer™, Terraform®, Vault™, Consul®, Nomad™, Boundary™, and Waypoint™. HashiCorp offers products as open source, enterprise, and as managed cloud services. The company is headquartered in San Francisco, though most of HashiCorp employees work remotely, strategically distributed around the globe. For more information, visit [www.hashicorp.com](http://www.hashicorp.com) or follow HashiCorp on [Twitter@HashiCorp](https://twitter.com/HashiCorp).

Atos is a registered trademark of Atos SE. November 2022. © Copyright 2022.  
Atos SE. Confidential Information owned by Atos group, to be used by the recipient only. This document, or any part of it, may not be reproduced, copied, circulated and/or distributed nor quoted without prior written approval of Atos.