A Sovereign Managed Private Cloud in a multi-cloud strategy

Leverage new digital possibilities and stay in control of your data with the Equinix Sovereign Managed Private Cloud (SMPC)

Sovereign in a multi-cloud strategy

Becoming and staying successful in rapidly changing markets is increasingly determined by the leveraging of digital possibilities. Digital enterprises often encounter business challenges that conflict with compliance and organizational and financial matters.

The business needs speed, agility and flexibility and IT demands stability, manageability and security. The enterprise needs to comply to the overarching Sovereign legislation and requirements. This often results in a reconsidered multi-cloud strategy.

The core principles of sovereign clouds are trust, transparency, openness, and security, all under the auspices of local governance. Governments introduce data protection legislation for a multitude of reasons. A sovereign cloud ensures all data including metadata stays on sovereign soil and prevents foreign access to data under all circumstances.

The key challenges in the execution of this strategy are:

- A compliant data management including GDPR

- Complying to Sovereign Legislation

- Handling rising demands for speed and flexibility

- Implementing and managing hybrid and multi-cloud solutions

- The retransition from Public Cloud

- Challenges in finding staff with the right skillsets

Why Equinix Sovereign Managed Private Cloud (SMPC)

Equinix SMPC is the Managed Infrastructure as a Service (IaaS) offering from Equinix Managed Services. This IaaS platform offers a proven solution to the IT challenges on data sovereignty of leading businesses in the private and public sectors.

With SMPC, businesses can anticipate all possible growth scenarios while eliminating the risk for non-compliance in a hybrid and multi-cloud strategy. And as an integrated part of Equinix Fabric™, which connects 200+ cloud and service providers, Equinix Business Cloud lies at the heart of the internet.

Key controls of SMPC

Data Residency

- Data resides in the Netherlands

Support

- Technical support access is limited to NL residents and on a "need to know, need to have basis"

Encryption

- Data is encrypted at rest. Data encryption keys are managed by Equinix and stored securely within the EU. Alternatively, encryption keys can be managed by yourself and stored in your secure environment
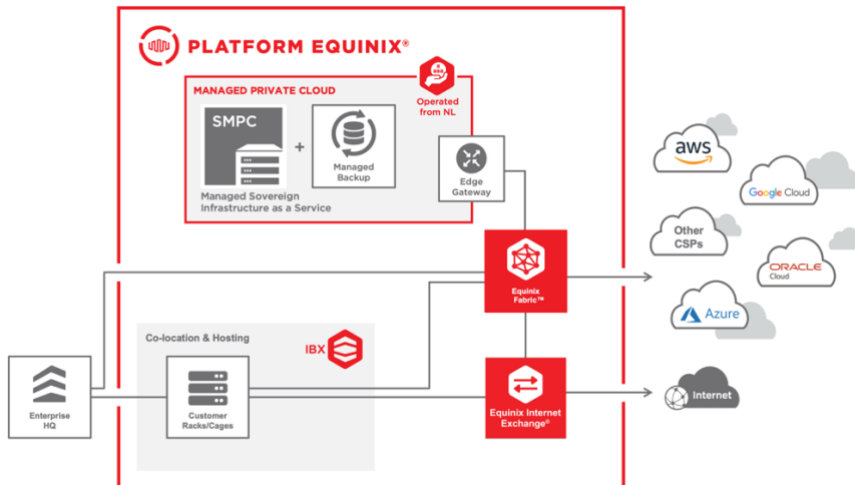
Access Control

- Access is only granted to support personnel who have been (periodically) vetted to be allowed to access support systems and tooling

Security Operations

- Security operations is maintained across the entire Equinix managed infrastructure. Additionally, security events which are relevant to your infrastructure are passed on towards your local SIEM/SOC

SMPC Services Model

SMPC is a Private Cloud solution with guarantee on the data location, it offers Network Functions Virtualization features as well as configuration and management of compute, storage via APIs or via the Cloud Portal.

SMPC Single Tenant

A single tenant environment dedicated to one customer that offers best-in-class performance levels for compute, storage and network for your private cloud. This model uses dedicated resources in a secure, isolated environment. To meet sovereign requirements:

- Data is encrypted and located in the Netherlands and cannot be transferred to other countries.

- Backup is air-gapped and immutable stored in a secondary secure IBX in the Netherlands

- SMPC is Operated from the Netherlands

- SMPC can be offered with multiple customization options including various high-availability configurations and data center redundancy.

- SMPC is a dedicated environment with scalability options

Support

Our team of VMware certified architects (VCDX) helps you design and configure your SMPC environment.

Support is offered from the Equinix Support Centers in the Netherlands.

As one of the largest cloud-verified VMware partners in the Netherlands, Equinix Managed Services has been providing VMware support to customers for over 10 years.

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[1] Diginetwork is the Dutch private network platform for the exchange of governmental services

Features of SMPC

Equinix Fabric

- The SMPC is integrated with Equinix Fabric, which provides easy to consume connectivity services to non-sovereign cloud platform resources, public cloud service providers and other Sovereign Cloud offerings across the EU

Reach throughout the Euopean Union

- SMPC is available in Equinix International Business Exchange™ (IBX®) data centers in the Netherlands

- Equinix offers managed private cloud services in Spain, Finland, Ireland, Germany, France and Italy

Security

- Data encrypted with option for customer key management

- Backup air gapped and immutable

- Contracts under Dutch laws and legislations.

- Security logging with forwarding to the SOC of choice

Diginetwork integration

The SMPC can be connected to the Diginetwork[1] infrastructure, allowing you to provide and consume Diginetwork services and connect to the participants in the Diginetwork ecosystem

Ready to get started?

Begin taking advantage of the Sovereign Managed Private Cloud by contacting our experts today.

Equinix.nl/Contact-Us/Sales
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