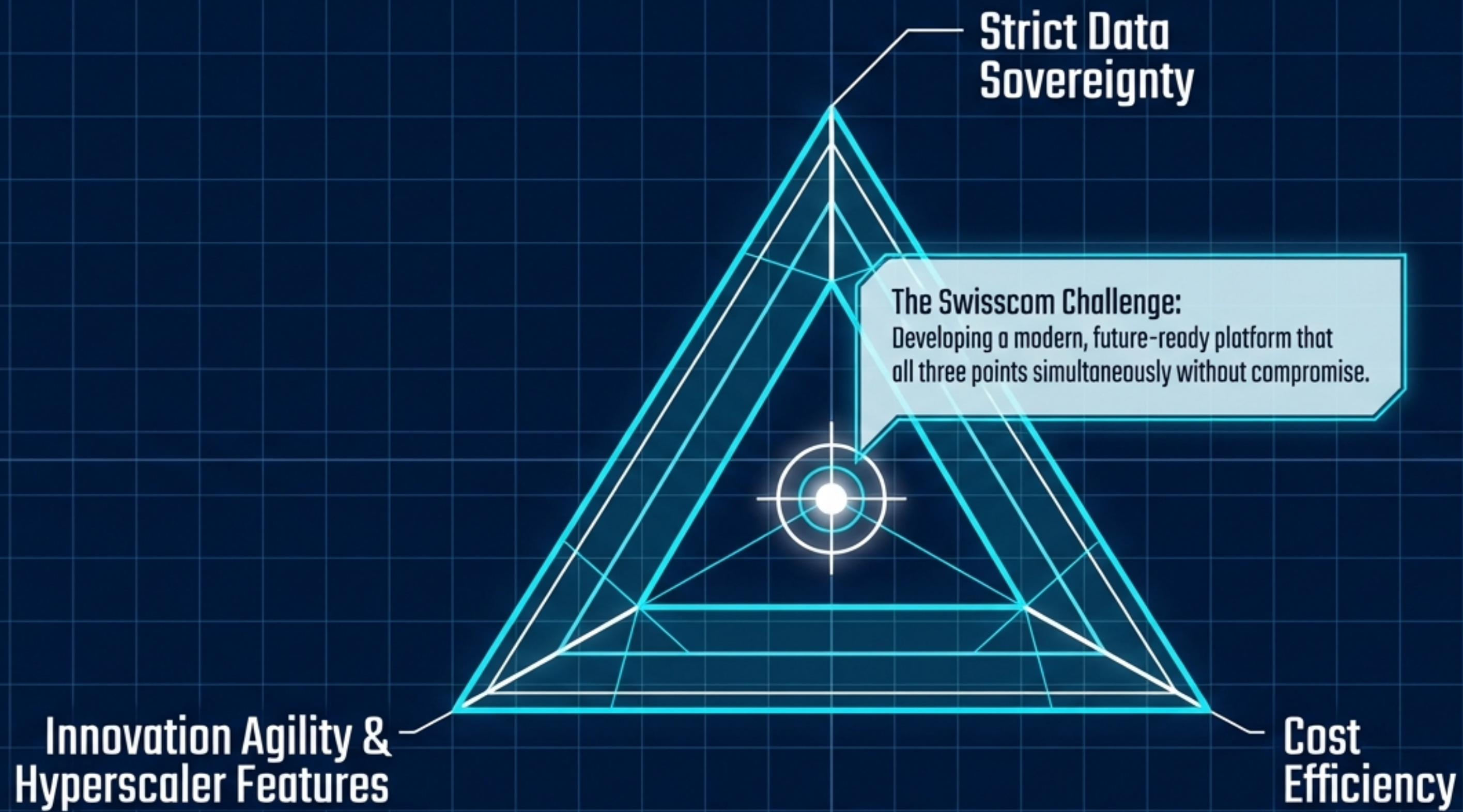


# The Sovereign Cloud Blueprint

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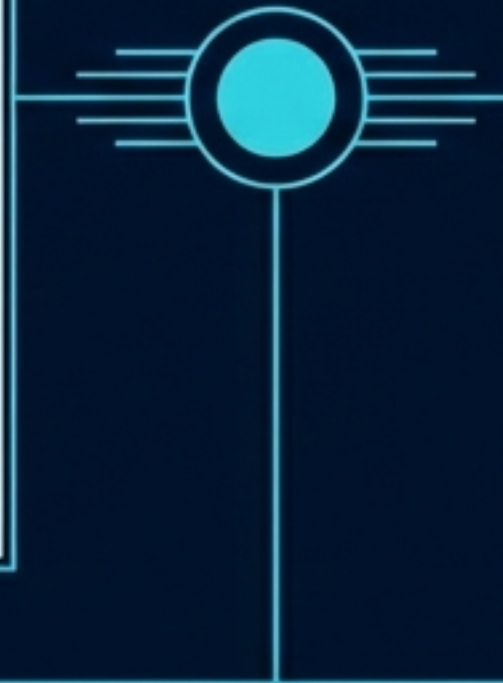
Deconstructing Swisscom's Open-Source  
Kubernetes Architecture



## Swisscom

Together with Kubernetes... we have established a robust and future-ready foundation based on open-source technologies.

– Christian Dietrich, Product Manager



## Kubernetes

[Enabling] enterprises and service providers to increase architectural independence and deliver sovereign, high-performance platforms.

– Sebastian Scheele, CEO

**The Result: A CNCF-certified, generally available Sovereign Kubernetes Service for Swisscom's Private Cloud users.**

# Architectural Teardown

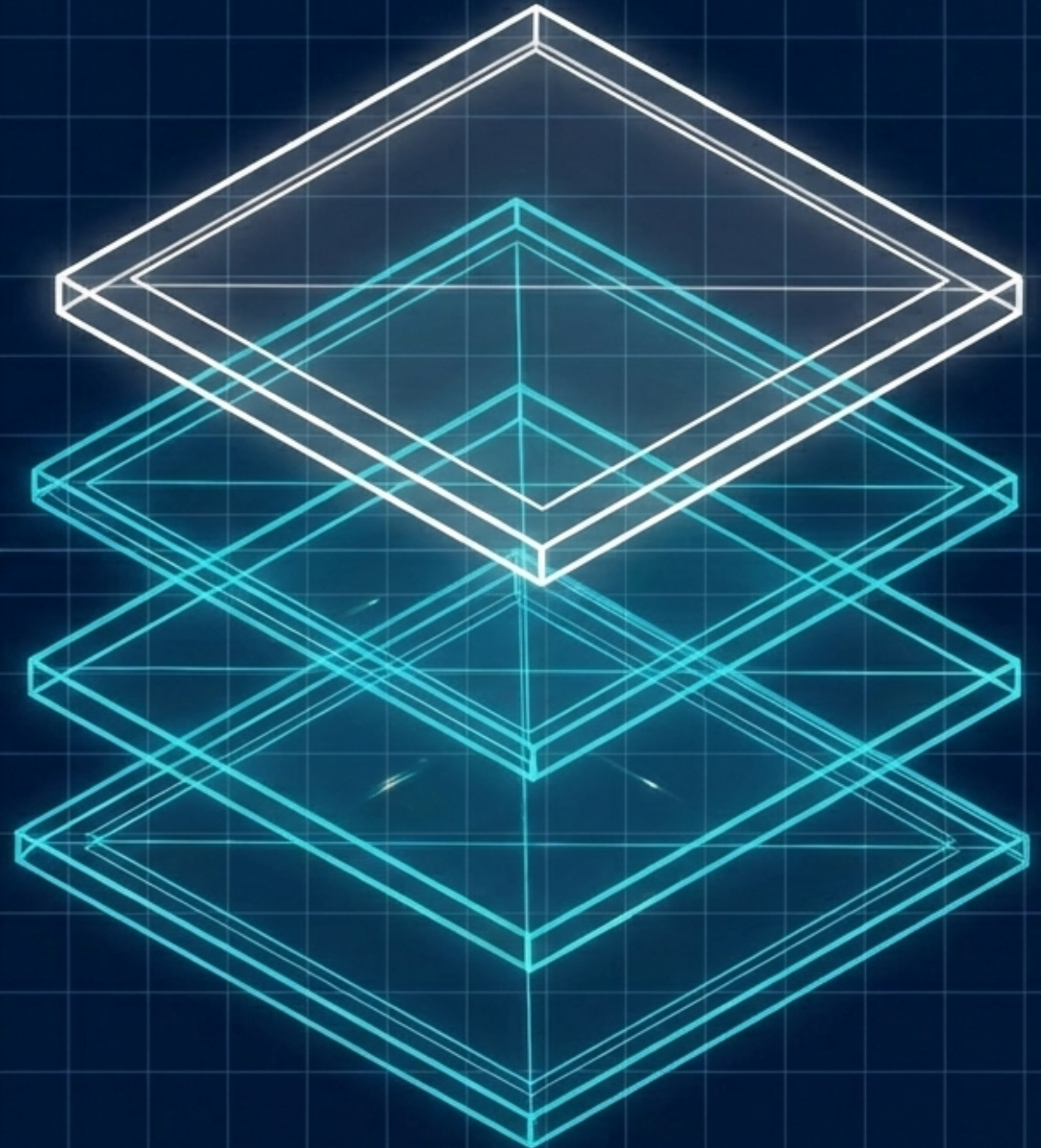
100% Open-Source  
Foundation.

Swisscom Sovereign  
Kubernetes

Kubernatic Kubernetes  
Platform (KKP)

KubeVirt

Baremetal



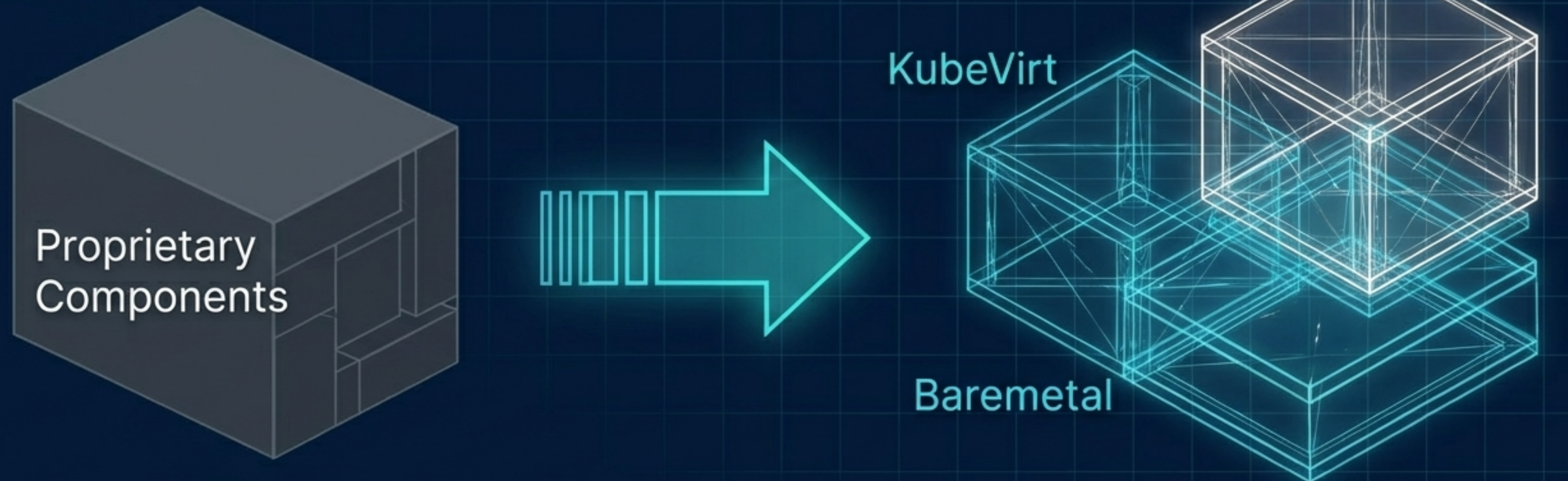
# Pillar I: True Data Sovereignty

A fully compliant platform hosted, operated, and supported exclusively within Switzerland's borders, meeting the nation's most stringent data requirements.



# Pillar II: Architectural Independence

Complete elimination of proprietary components. Swisscom and its customers retain full, uncompromised control over their technology roadmap via a 100% open-source stack.



# Pillar III: Hyperscaler-Grade Experience

Bridging the feature gap.

Delivering a **modern, feature-rich, and intuitive self-service platform** designed to actively accelerate enterprise digital transformation.

# The Cloud Architecture Paradigm Shift

	Traditional Global Hyperscaler	Swisscom Sovereign K8s
Data Location	Global & Distributed	Exclusively Switzerland
Tech Roadmap	Proprietary / Black-Box	100% Open-Source
Lock-in Risk	High Dependency	Eliminated
User Experience	Modern Self-Service	Modern Self-Service

The uncompromising usability of a hyperscaler, with the security and independence of a sovereign open-source stack.

# The Architects of Sovereign Cloud

## Swisscom

- Leading ICT company in Switzerland (and Fastweb in Italy).
- 51% owned by the Swiss Confederation (reinforcing sovereignty).
- Recognized globally for telecommunications sustainability.

## Kubernetes

- Headquartered in Hamburg, Germany.
- Flagship product (KCP) automates K8s across hybrid environments.
- Trusted partner for complex, distributed enterprise IT globally.

# Digital Transformation, Uncompromised.

For enterprises operating in Switzerland, the trade-off between strict data sovereignty, architectural control, and modern cloud agility is officially obsolete. The future of private cloud is sovereign, automated, and open.