

Glarner Kantonalbank secures its API gateway for remote access using Anapaya GATE's Global Connect

Customers and partners can securely access GLKB's online services on the SCION network.

► About Glarner Kantonalbank (GLKB)

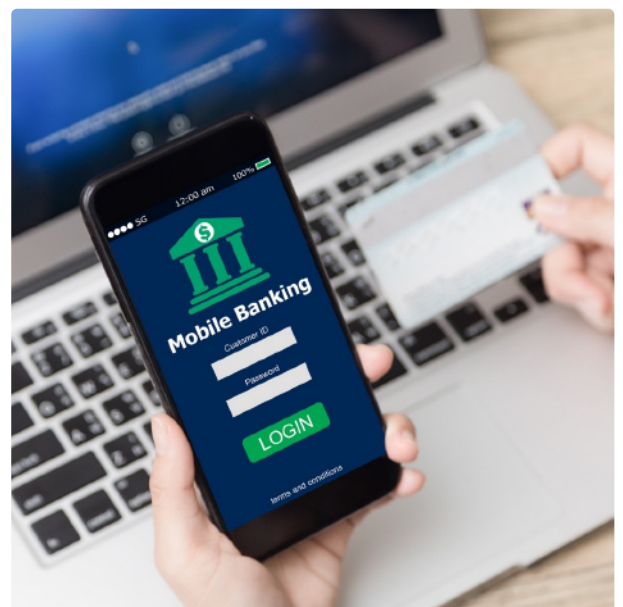
Employees: 300+
Footprint: Switzerland
Industry: Banking
SCIONabled since 2024
Product: Anapaya EDGE and
GATE including Global Connect

As a universal bank, GLKB focuses on mortgage and savings business as well as asset management, investment, and corporate banking. In parallel, GLKB is a digital pioneer in the Swiss financial market and has launched several online products.

GLKB provides remote access to its API gateway to customers and partners so they can access backend systems and platforms offered by the bank.

“The API gateway is one of the most critical systems for our bank – it can be a door to our network. With Anapaya GATE's Global Connect, our API is now invisible to outsiders but right where it should be for our clients and partners.”

Besim Aliu
Head of Infrastructure
and Security



The challenges

GLKB started looking for a cybersecurity solution for its API gateway in light of the following challenges:

- API gateway directly accessible from the Internet
- High sensitivity of backend financial systems
- Risk of deep system compromise if perimeter is breached
- Existing protections (firewall, WAF) not sufficient on their own
- Dedicated leased lines are secure but too expensive and not scalable

The solution

Anapaya GATE with the Global Connect extension was identified as the ideal solution because of its capability to fulfill all the requirements set by GLKB:



High security and resilience of the network and data



Flexibility and scalability



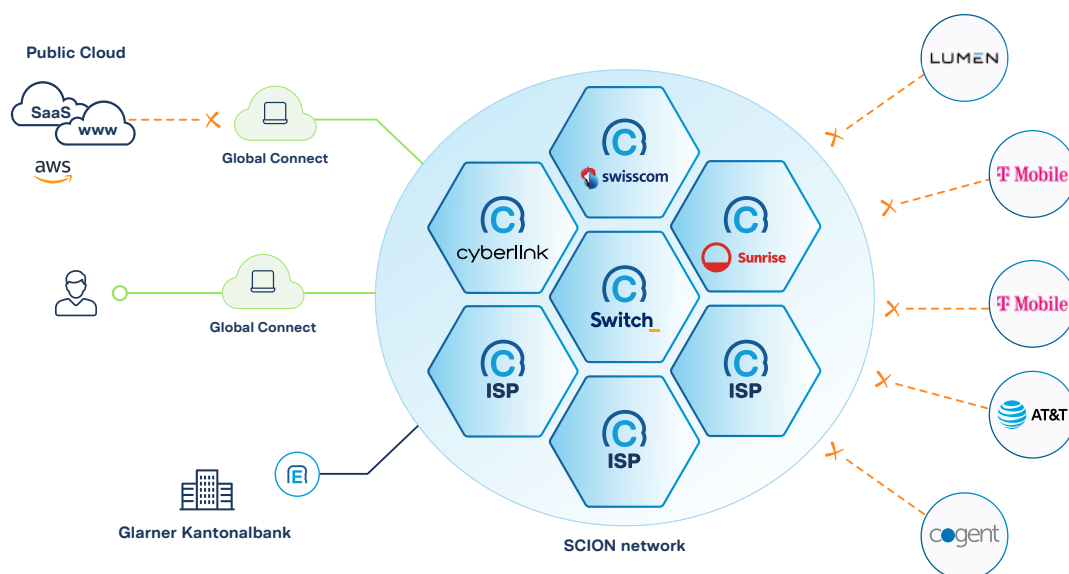
Control over the attack surface

The implementation

The first step in implementing the solution was to place the API gateway behind Anapaya EDGE at GLKB's headquarters. This made the service available on the SCION network with connectivity provided by a federation of ISPs including Cyberlink, Switch, Sunrise, and Swisscom.

User access to the API gateway is provided via Anapaya GATE's Global Connect. With this configuration, no installation is required on the user's end. In practice, GLKB's customers and partners accessing the service over the SCION Internet don't notice any difference.

The customers using GLKB's customer platform are hosted in the cloud, either by Swiss providers or by US hyperscalers operating in Switzerland, whose IP addresses are registered in the US. These customers can be identified at the network level, allowing GLKB to use Global Connect, a feature of the GATE, to grant each of them fine-grained access to the API gateway.



The outcome

Higher security



API gateway has a reduced attack surface preventing cyberattacks such as DDoS and ransomware. Malicious traffic is stopped before even reaching GLKB as the IP address of the API gateway is completely isolated from the Internet.

Cyber resilience



A federation of ISPs and SCION's multipath capabilities ensure business continuity and reduce concentration risk.

Reduced operating costs



Operational costs are reduced and monitoring of the network is simplified.

Support simplification



Simplified network monitoring and traffic analysis.



Book a demo

Have questions? Contact us at team@anapaya.net