

# Glarner Kantonalbank secures its ATMs on the Secure Swiss Finance Network (SSFN) – Powered by SCION

This is the first bank to leverage the SSFN to ensure the security of ATM transactions and prevent cyberattacks on their network

## ▶ About Glarner Kantonalbank

Employees: 300+  
Footprint: Switzerland  
Industry: Banking  
SCIONabled since 2024  
Product: Anapaya EDGE

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

ATMs are a core service they offer to their clients across various locations in Switzerland.

“By switching our ATMs to SSFN, our bank fulfills the highest standards with respect to security, availability, and performance. SSFN also contributes to a reliably functioning Swiss financial center.”

**Dmitri Mumber**  
CIO of GLKB



## The challenges

Cyberattacks on banking systems are a growing threat. When exposed, attackers can use access to banking networks in several ways. They can steal or encrypt data, but they can also launch large-scale DDoS attacks targeting ATMs.



ATMs can also act as an entry point into a bank's IT infrastructure. If attackers gain access to an ATM, they may use it as a foothold to carry out further attacks, potentially causing even greater disruption and damage.

Conventional Internet-based solutions, while protected by VPNs and firewalls, still expose ATMs to a massive attack surface and make them vulnerable to online threats and cybercrime. On the other hand, private lines are secure but are not flexible and cost-effective for large ATM ecosystems.

## The solution

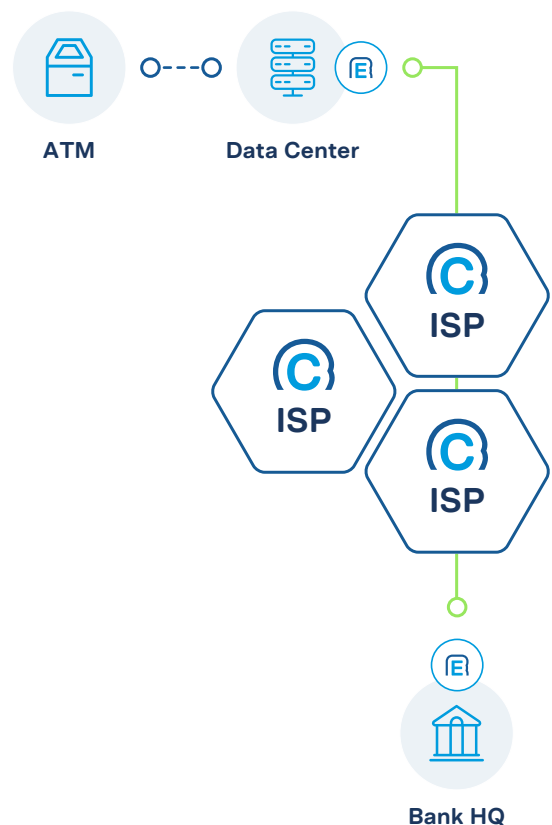
After migrating to the Secure Swiss Finance Network as part of the initiative launched by the Swiss National Bank and SIX, Glarner Kantonbank decided it would also operate its ATMs via the Secure Swiss Finance Network, making it the first bank to do so.

The SSFN is powered by SCION. On this network, all companies connected to the SSFN within the Swiss financial sector can communicate swiftly and securely with SIX, other financial market infrastructures, and with each other.

## The implementation

Glarner Kantonbank's connection to the SCION-based SSFN relies on multiple network providers and redundant Anapaya EDGE routers managed by an external partner, Cyberlink.

The ATMs are connected to the data center where an EDGE is installed, providing secure connectivity to the bank.



## The outcome

With over 300 banks and financial institutions exchanging payment transactions amounting to CHF 300 billion daily, the SSFN has repeatedly proven its security, reliability, and sovereignty since it went active in 2024.

By operating its ATMs via SSFN, Glarner Kantonalbank fulfills the highest standards with regard to security, availability, and performance.

### Security



ATM data remains within a closed user group on defined paths, isolated from the rest of the Internet, thus preventing cyberattacks like ransomware and DDoS.

### Resilience



A multi-provider setup and SCION's multipath capabilities prevent session interruptions and ensure business continuity, ensuring seamless performance.

### Control



Only certified participants, enabled by certificates issued by SIX, can access the SSFN for higher trust and reduced attack surface.



[Read the Secure Swiss Finance Network case study](#)

Have questions? Contact us at [team@anapaya.net](mailto:team@anapaya.net)