

Web protection on the SCION Internet – Safeguarding vital information during power shortages with Anapaya GATE

With Anapaya GATE, VSE ensures that the website dedicated to providing information to Swiss citizens during power shortages is accessible at all times.

▶ About Association of Swiss Electricity Companies (VSE)

Number of members: 400 making up
90% of Switzerland's electricity supply
Geographical footprint: Switzerland
Industry: Energy
SCIONabled since 2024
Products: EDGE and GATE
Go live: 2024

Overview

The VSE acts as the umbrella organization for the Swiss electricity industry. Its primary goal is to ensure reliable conditions for a secure, competitive, and sustainable electricity supply throughout Switzerland.

In the event of a severe electricity shortage, the VSE is tasked with ensuring that all Swiss citizens have continuous access to critical electricity information through a dedicated website. It is crucial that the website providing this vital information operates within a secure environment to guarantee its availability to the intended recipients.

“As we navigate through the complexities of today’s energy landscape, we stay focused on innovation and resilience. The move of this website on the SCION Internet, accessible only via Anapaya GATE, is a testament to our commitment to providing uninterrupted access to vital information, even in the most challenging conditions. This initiative not only strengthens our infrastructure by isolating it from the public Internet but also reinforces our promise to provide a sustainable and secure energy future for all Swiss citizens.”

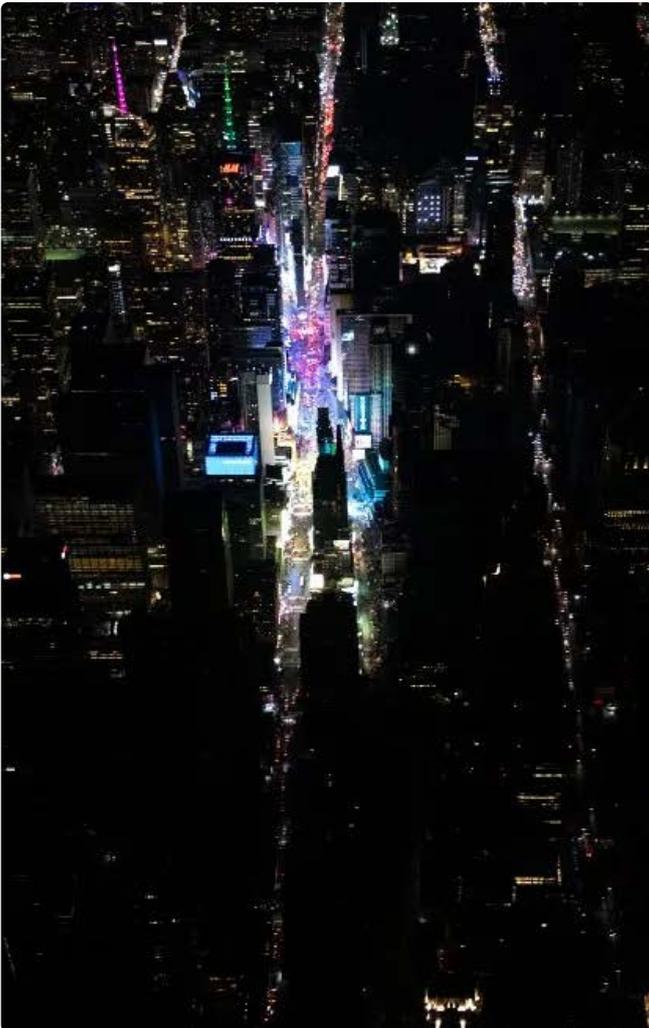
Markus Riner
Head of Digitalization
and IT, Association of
Swiss Electricity
Companies (VSE)



The challenge

The evolving dynamics and trends in the energy sector necessitate a proactive approach to securing the web application:

- **Vulnerability of the energy sector:**
As one of the most-targeted industries, incidents like DDoS attacks and data breaches can disrupt any part of the electricity value chain: generation, transmission, and distribution.
- **Increased risk of power shortages:**
Ongoing geopolitical tensions within the EU and questions of sovereignty intensify these risks.
- **Potential escalation during crises:**
Cybercriminals could leverage crises to cause disruptions across other critical ecosystems such as finance, healthcare, and government.

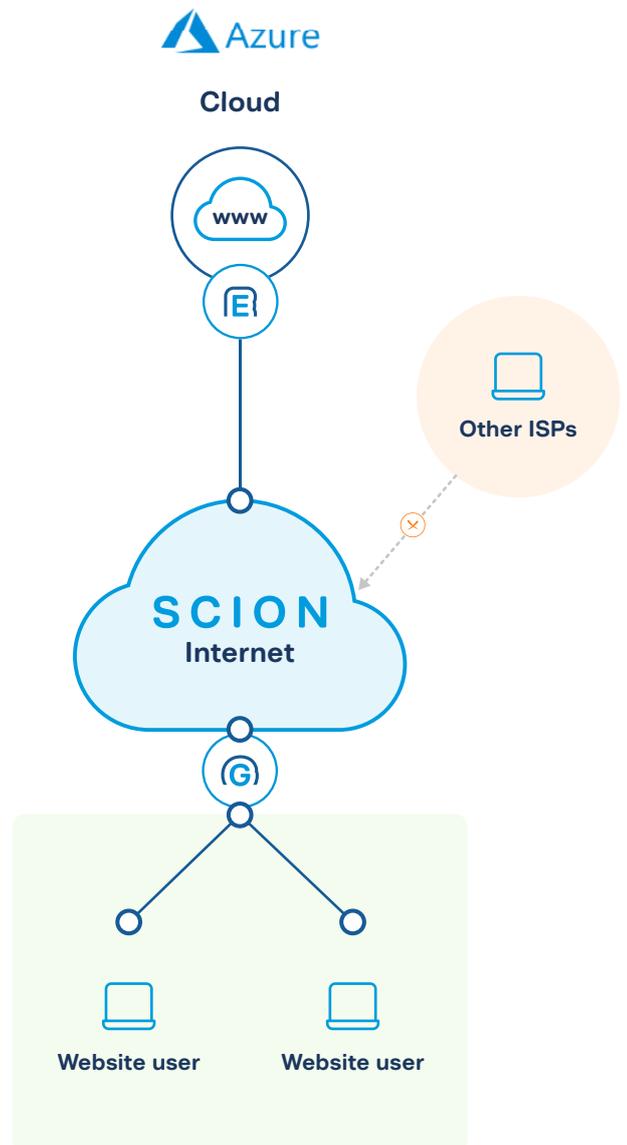


The solution

VSE needed a robust solution to ensure the website remains accessible to Swiss citizens at all times. By hosting the website on the SCION Internet, VSE isolates it from the public Internet, thus granting access to only select ISPs and their users via Anapaya GATE.

The set up

The website is hosted within Switzerland on VSE's Azure cloud, protected by Anapaya EDGE on the SCION Internet. Access is granted only to Swiss citizens through Anapaya GATE, isolating the entire setup from the public Internet.



The benefits

Never go dark



Ensure always-on, always-secure access to critical information to prevent the spread of panic and misinformation during power shortages.

Cyberattacks prevention



Reduce your attack surface by up to 99% and make your website invisible to opportunistic cybercriminals, DDoS, and other malicious cyber threats.

Cyber-resilience with multi-path

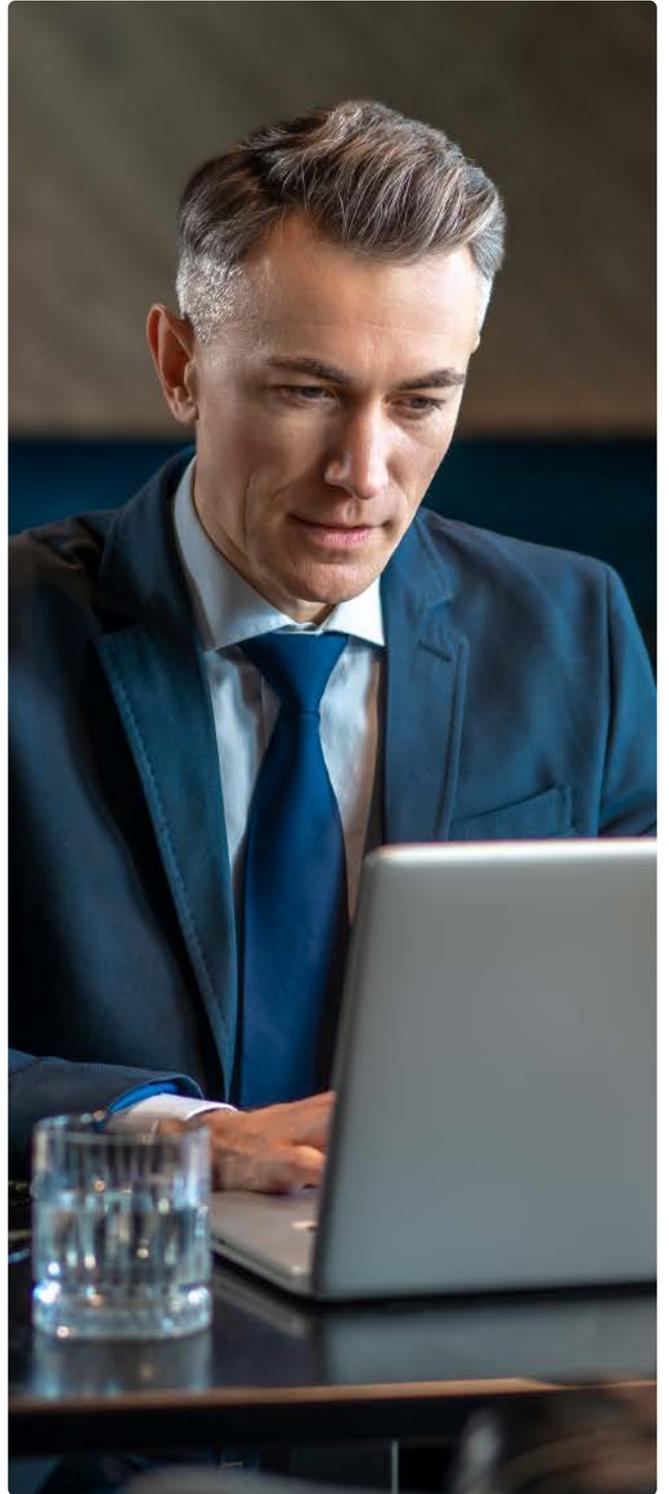


If a connectivity line is down, the redundancy available on SCION via multiple ISPs will ensure your information is automatically redirected in sub-seconds.

Easy deployment



No endpoint installs, no delays - just instant, hassle-free connectivity that's emergency-ready.



[Book a demo](#)

Have questions? Contact us at team@anapaya.net