ANAPAYA

SCION MYTHS DEBUNKED

MYTH #1

Guess again!

As a forward-thinking company, **Anapaya is trusted by** industry leaders and global businesses **for stability, innovation, and experience**. We've evolved from a startup to a scaleup, backed by over 10 million Swiss francs from solid investors like Cape Capital and SIX Fintech Ventures.

Cape Capital · SIX FINTECH VENTURES

Learn more

Anapaya, as a young company, lacks the stability and experience of a reliable partner.

MYTH #2

SCION offers no clear benefits.

False!

The Internet wasn't built for today's scale.

What started with **2,000 users** now connects **over 5 billion,** greatly increasing the attack surface, especially with the rise of "smart" devices.

SCION was designed to solve this, offering path control and trust for enhanced security and resilience for businesses' services and critical infrastructures.

Path control · Trust · Resilience

Learn more

MYTH #3

Part of the problem with today's Internet and its constantly growing attack surface is that your business might not even be aware of its network's vulnerabilities.

Unfortunately for businesses everywhere, malicious actors are developing new, efficient ways of hacking faster than most cybersecurity solutions evolve to face the new threat.

Learn more

SCION is unnecessary for our security because we've never had a cyber incident.

MYTH #4

Anapaya's SCION-based solutions offer no defense against DDoS attacks.

While SCION doesn't directly defend against DDoS attacks, Anapaya GATE reduces your attack surface by up to 99%, limiting vulnerabilities that cybercriminals exploit.

Anapaya GATE reduces your attack surface by up to **99%**

By hiding your service from the public Internet, **Anapaya GATE** ensures it's only accessible to selected ISPs and their users, drastically minimizing the risk of DDoS attacks.

Learn more

MYTH #5

Implementing SCION is as straightforward as setting up an Internet connection and much simpler than deploying an SD-WAN.

It starts here: We support you in defining your network topology, then we run a proof of concept to gauge what the deployment of SCION in your network would look like.

Learn more

Implementing SCION is so complex that it's difficult to even know where to begin.

MYTH #6

SCION is just a research project and going operational is too risky.

Not so:

ISPs are offering SCION and it is available via any Internet access in Switzerland. Not only that, but SCION is also the network behind the SSFN and the SSHN, and soon the SSEN as well.

We collaborate with ETH Zurich, Carnegie Mellon, Otto von Guericke University, and Princeton to ensure SCION delivers resilience, security, and future-proof features like carbon-neutral routing.

ETH zürich · Carnegie Mellon University · OVGU · PRINCETON UNIVERSITY

Learn more

MYTH #7

Cybercriminals leverage large attack surfaces of systems or services on the Internet to launch intrusion attacks that lead to ransomware, which can also originate from the exploitation of zero-day vulnerabilities.

SCION significantly improves the security of your network by reducing the attack surface by at least a factor of ten. This is achieved through SCION's architecture, which isolates traffic and routes it through controlled, pre-defined paths, making it more difficult for attackers to identify or exploit vulnerabilities.

Learn more

Anapaya's SCION-powered solutions offer no protection against ransomware attacks.

MYTH #8

Today, SCION is available only in Switzerland – and can just be deployed for Swiss use cases.

While Switzerland's ETH University is indeed the birthplace of SCION, it left the cradle a long time ago. We are actively expanding SCION's applications beyond Switzerland, from neighboring countries to those across oceans.

SCION was built to scale – reliably.

Learn more

MYTH #9

Anapaya GATE is not a firewall or the same thing as GeoIP filtering. The GATE operates on the Internet service provider (ISP) level and limits the exposure of critical services to the networks where its users are. That means the GATE has the capacity to reduce the attack surface of vulnerabilities.

Anapaya GATE has the capacity to reduce the attack surface of vulnerabilities.

While methods like firewalls and GeoIP filtering have been the cornerstone of cybersecurity for years, they repeatedly show themselves unequal to the task of protecting businesses' critical services. Anapaya GATE takes a fundamentally different approach.

Learn more

Anapaya GATE is just a GeoIP filtering tool.

MYTH #10

SCION is expensive compared to other cybersecurity solutions.

SCION is cost-effective and a more economical choice for larger ecosystems. The initial investment is offset by long-term savings, as it reduces the need for extensive, reactive security teams and tools.

By focusing on prevention, SCION not only lowers costs but also enhances peace of mind and significantly decreases the risk of cybersecurity incidents and their financial repercussions.

SCION not only lowers costs but also enhances peace of mind.

Learn more

SCION still a mystery? **Get in touch** for more info!