SGION ASSOCIATION

SCION STANDARDIZATION, OPEN-SOURCE AND MORE

Marcel Keller Nicola Rustignoli Luzius Cameron SCION Association Team SCION Day, 18.10.2023

SCION - A GROWING ECOSYSTEM





SCION – A CUTTING EDGE TECHNOLOGY



SCION ensures reliable and performant data transmission across the Internet. It is extensively tested and it is deployed for critical workloads.

MULTIPLE IMPLEMENTATIONS



Commercial and open-source.

STRONG RESEARCH AND DEVELOPER COMMUNITY



A vibrant research community keeps pushing the boundaries of the technology.





LEADERSHIP ANNOUNCEMENT



Switzerland

Nicola Rustignoli co-CEO-<u>elect</u> SCION Association



Luzius Cameron

co-CEO elect SCION Association Switzerland







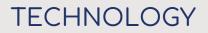
OUR JOURNEY TO A SAFE CONNECTED WORLD



GROWING THE SCION MOVEMENT







The technology keeps evolving to provide more and more benefits to its users, more use cases are developed and deployed.

ECOSYSTEM

(Q)

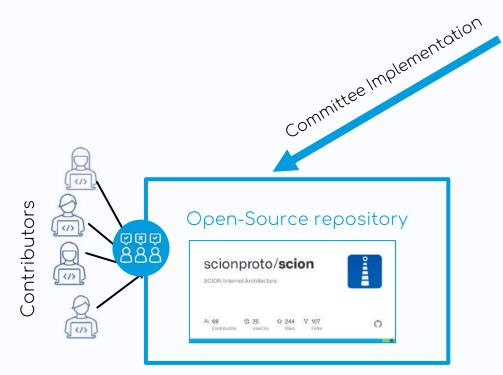
The ecosystem keeps growing together, creating new adoption areas and building up a larger and larger SCION network.



OPEN GOVERNANCE FOR THE TECHNOLOGY



ELEVATING SECURE COMMUNICATION







STANDARDIZATION

INTEROPERABILITY

Multiple implementations can speak the same "language"





OPEN ECOSYSTEM

Anyone can succeed thanks to a clear specification



BETTER TECHNOLOGY

Wider community review by renowned experts and global recognition





A clear specification is fundamental for a certification program



IETF JOURNEY

- Our member-based standardization technical committee is ٠ producing the first SCION draft specification.
- The Association staff represents the SCION community at standardization development organizations such as the IETF.
- A specification of all core SCION components is available at: ٠ datatracker.ietf.org



• We'll meet at IETF 118 in Prague in November to continue working on drafts and for the IETF hackathon.

PANRG Internet-Draft Intended status: Informational Expires: 10 March 2024	N. Rustignoli SCION Association A. Perrig ETH Zuerich 7 September 2023
SCION Over draft-dekater-panrg-sc	view ion-overview-04

The Internet has been successful beyond even the most optimistic Abstract expectations and is intertwined with many aspects of our society. But although the world-wide communication system guarantees global reachability, the Internet has not primarily been built with security and high availability in mind. The next-generation inter-network architecture SCION (Scalability, Control, and Isolation On Nextgeneration networks) aims to address these issues. SCION was





r. de Kater

2023

FOSTERING A HEALTHY OPEN-SOURCE COMMUNITY

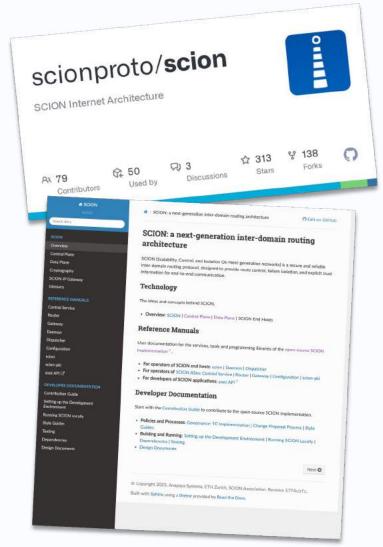
We are custodians of the open-source SCION implementation, and actively contribute to software development projects. We support by reviewing code contributions, providing documentation, defining the open-source roadmap, and organizing member community meetings.

Why do we do this?

- To make sure the SCION ecosystem can rely on a stable, quality reference implementation.
- To have a vendor-independent, low-barrier entry point to SCION.
- To ensure that there are multiple software options for SCION adopters.

Why join?

- Get to know about latest developments & get a say about what comes next!
- See <u>scion.org/development</u> for more info.



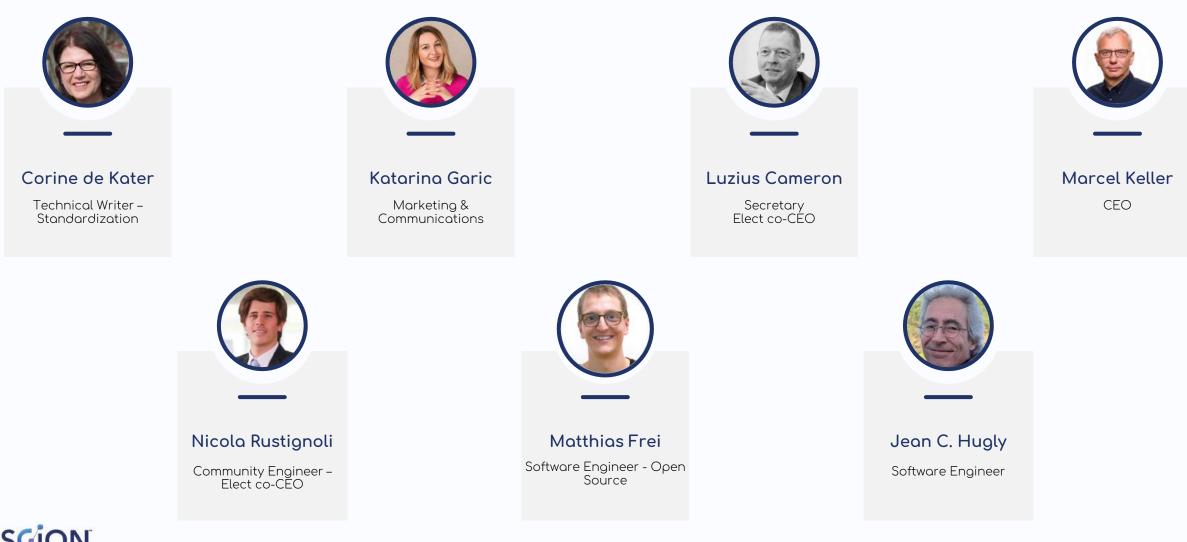


OUR MEMBERS









JOIN US!





Want to know more?

Meet us at the booth outside in the break.

info@scion.org