



SSCC Online Workshop on Zero Trust

“Zero Trust” is a buzzword that has been circulating in the cyber community for the last few years. It is often mentioned in connection with scenarios where IT systems cannot be fully controlled by the responsible authorities. Examples include enterprise architectures that involve cloud services managed by external providers, internal networks that must deal with externally managed devices (e.g., “Bring-Your-Own-Device”), applications or networks that must deal with remote users who connect through untrusted networks. The implementation of “Zero Trust” is not straightforward and the recommendations typically introduce other tenets such as, “continuous verification”, “limitation of the blast-radius”, or “least privilege”.

The goal of this workshop is to shed light on different aspects of “Zero Trust”. Our speakers cover a wide range of expertise and present their views on and experience with “Zero Trust”. As it has been the case in previous workshops, we hope that the format allows for interesting interactions with the audience.

The workshop is co-organized by the Swiss Support Center for Cybersecurity ([SSCC](#)) and the SWITCH Foundation ([SWITCH](#)), in collaboration with the Center for Digital Trust ([C4DT](#)) at EPFL and the Zurich Information Security Center ([ZISC](#)) at ETHZ.

Date: Monday, March 20th, 2023, from 14:00 until 16:00 (CET)

Place: Zoom (ID will be sent by e-mail after registration)

Registration: Free, open to the public. [Register here](#).

Program:

- *Short Introduction*, Patrick Schaller (SSCC/ETHZ)
- *“Zero Trust – a necessity in today’s world?”*, Roger Halbheer (Microsoft)
- *“Zero Trust in Zero Trust?”*, Virgil Gligor (Carnegie Mellon University)
- *“Siemens, our way to Zero Trust to reduce major cybersecurity risks”*, Peter Stoll (Siemens)
- Closing remarks, Roger Wirth (SwissGrid)

Moderation: Imad Aad (SSCC/EPFL), Frank Herberg (SWITCH), and Patrick Schaller (SSCC/ETHZ)

Speakers' biographies

Roger Halbheer

Roger Halbheer is Chief Security Advisor for Microsoft covering Switzerland, Germany, Austria, The Netherlands, and Central and Eastern Europe. In this role, he acts as a trusted advisor to C-level executives in the commercial and private sectors and has established relationships with industry leaders, security communities and government and intelligence agencies across the world. Roger is a regular speaker at industry events and has worked with national and international print and broadcast media both to represent Microsoft and provide expert comments on security issues.

Before re-joining Microsoft in 2018 he was a Managing Director for Accenture Security working in the Austria, Switzerland, Germany region and additionally responsible for the global cybersecurity alliance between Accenture and Microsoft. Until 2015 he was the Head of Group Security (Chief Security Officer) at Swisscom. He was responsible for the security strategy of the overall Swisscom Group in close collaboration with the group's companies.

Virgil Gligor

Virgil D. Gligor is Professor at Carnegie Mellon University, where he co-directed CyLab – the cybersecurity and privacy institute – between 2008 and 2015. He was the (co-)chair of over a dozen conferences, including the IEEE *Security and Privacy*, ACM *CCS*, the Internet Society's *NDSS*. Gligor was an Editorial Board member of several journals and the *Editor in Chief* of the IEEE *Transactions on Dependable and Secure Computing*. He received the 2006 *National Computer Systems Security Award* given by NIST and NSA, 2011 *Outstanding Innovation Award* of ACM SIGSAC, and 2013 IEEE Computer Society's *Technical Achievement Award*. He was inducted into the *Cybersecurity Hall of Fame* in 2019.

Peter Stoll

Peter Stoll is Head of Cybersecurity Next Generation at Siemens and in this role responsible for all next generation topics such as post quantum, handling cloud and highly confidential data and digital identity management. He has been involved in cybersecurity for almost 20 years in various positions. Since 2.5 years Peter Stoll is one of the three program leaders of Siemens' Zero Trust program.

Potential Workshop Attendees

Professionals from government, academia, industry, insurance, healthcare and civil society, with technical, legal and/or economic backgrounds.

We look forward to seeing you at the workshop!