



Bringing the OT and IT responsables together

to actively create value and security within the common cyber space

Mission

Why should you attend?

The Swiss OT-IT Cyber Security Forum Series is a sequence of events which takes place three times per year, with the strategic goal to unify OT and IT decision makers. The main objective is achieving significant advances in security.

Background:

Historically, the two communities had completely different set-ups:

- IT used to follow the speed of technology evolution, with product cycles of about three years and extremely fast fixing of faults and errors: short reaction time of less than one hour is common practice by today.
 - OT used to create solutions in the mechanical space with life cycles reaching from 25 to 70 years, with little maintenance on average every 3-5 years.
- In the past few years the use of IT in OT installation has been increasing dramatically and OT is now fully integrated in cyber-space. Therefore, the need to connect the two communities is now more important than ever before in order to address the mutually dependent topics including security issues.

Design of the forum:

- 3 meetings per year
- 2-3 talks from industry leaders delivered in English
- Several roundtables lasting 1 hour in D, F and E at every meeting

Participation fee:

- CHF 360 per event, alternatively CHF 960 for three events (one year)
- Participation by invitation only. Proposal for inviting additional key persons mail to:
bmhaemmerli@OT-IT-CyberSecurityForum.ch

Content:

The content will be coordinated by Prof. Dr. Bernhard M. Haemmerli, Hochschule Luzern, and will be created by the organizing committee.

Organizing Committee:

Drives the process for the meetings with delegates, sponsors and selected partners.

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On Certification & Innovation: How to get the best out of both?

Which additional security measures are needed?

The policymakers understand continuous improvement systems and minimal standards as buzzword for improving situations, as in our case the cybersecurity of OT installations. Therefore, it is utmost important to know the recent certifications and the plans for the next strategic period for new certifications. Innovation starts at any place and is the only option to secure our cyberspace in the future.

But from innovation to certification it is usually a long way. Therefore, for our OT-IT discussion the following questions are relevant:

- Which certifications are mandatory, and how to behave clever with optional certifications?
- How to balance the need for certification and the need to continuously improve?
- What are your experiences in balancing best between certification and innovation, and what would **you** like to change in future?

Keynotes:

Advanced approaches to automate OT security based on regulators' will and attackers' mind set

Netanel Davidi, Co-Founder, Co-CEO, Member BoD;
VDOO Connected Trust Ltd

Certification to advance to the required Cyber Maturity level

Renate Verheijen, European Union Agency for Cyber Security
(ENISA)

In two discussion rounds the topics are controversially reflected and options will be discussed:

Roundtable 1:

Innovation in OT-IT: How do most of the recent advancements help?

Roundtable 2:

Certification & Innovation: How to get the best out of both?

Date: June 10, 2021

Time: 12:45 h - 17:30 h

Online: [Link to Webex Meeting](#)

Agenda

12:45 h Opening of Webex for testing.

13:00 h Onboarding participants.

13:15 h Welcome notes, by Zühlke, Kudelski Security and Prof. Hämmerli

13:30 h **Advanced approaches to automate OT security based on regulators' will and attackers' mind set**

Netanel Davidi, Co-Founder, Co-CEO, Member BoD; VDOO Connected Trust Ltd

14:00 h Roundtable 1:

Innovation in OT-IT: How do most of the recent advancement help?

With exchange between groups.

15:10 h Break

15:30 h **Certification to advance to the required Cyber Maturity level**

Renate Verheijen, European Union Agency for Cyber Security (ENISA)

16:00 h Roundtable 2

Certification & Innovation: how to get the best out of both?

17:10 h Wrap up

17:30 h End of Forum 3

Swiss OT-IT Cyber Security Forum 4

on United Crisis Management OT-IT: How to benefit from better and well-tuned collaboration?

Core topic: Emerging networked OT-IT systems need new ways to have efficient and powerful crisis management. For this purpose, a review of the processes, of mutual dependencies and common exercises are paramount.

Date: September 23, 2021, 12:00 h - 20:30 h

Place: ABB Baden, request pending

Speakers: TBA

Roundtable 1: Incident Response Plan of OT and IT: What are the differences?

Roundtable 2: United Crises Management OT-IT: What are advantages and draw backs of Joint incident response training/exercises?

Swiss OT-IT Cyber Security Forum 5

on Next generation OT-IT architecture: Impact of IPv6, 5G and LPWAN in industrial applications.

Core topic: Cyber space is continuously developing, and we face **new network** protocols: LPWAN (Low Power Wide Area Network) such as LoRa (Long Range wide Area Protocol, for low data rates in widely distributed environments), 5G (next generation cell phone protocol, which is much faster, can nearly handle unlimited numbers of nodes and has extremely low delays) and IPv6 the new internet protocol. What do we need to prepare, to ensure companies get best value and usage of these technologies while keeping security at a high level?

Date: June 16, 2022, 12:00-20:30h

Place: Axpo Kernkraftwerk Leibstadt, request pending

Speakers: TBA

Roundtable 1: What are the new OT business cases, how to take advantage of, and how to prepare strategically for security?

Roundtable 2: What are the security challenges do these new technologies? How to prepare architecture and processes, such that a high level of security can be maintained?

Registration

Register by replying to the invitation email with all your details – or by filling out this form and sending through a scan or alternatively through a smartphone picture. Send this completed form to: info@OT-IT-CyberSecurityForum.ch

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Three consecutive forums for CHF 960.–
3 Forums: Forum 3 (10.06.2021), Forum 4 (03.03.2022), and Forum 5 (16.6.2022)

3rd OT-IT Cyber Security Forum, June 10, 2021 for CHF 360.– (single event)

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