SWISS **OT-IT**
CYBER SECURITY
FORUM

Bringing the OT and IT decision makers together

to actively create value and security within cyber space

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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 communitities had completely different set-ups:

- IT used to follow the speed of technology evolvement, 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 cyberspace. Therefore, the need to connect the two communitities 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
- The event will always include lunch
- The event will close with a cocktail or animation which will enable participants to network and exchange in a more relaxed setting.

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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Monti Stampa Furrer

1st Swiss OT-IT Cyber Security Forum

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Taking an Integrated Approach
to better Protect, Detect, Respond, and Recover OT & IT Environments from Cyber Attacks

Attack on critical infrastructures has evolved to a strategic tool for state actors as well as a tool for criminals to blackmail corporations. Fewer incidents have been observed with the aim of sabotaging the infrastructure which was the aim of notPetya. With this in mind the following questions regarding OT-IT installations should be addressed:

- What is the need for protection, especially in respect to segmentation?
- What is the need for detection, response and recovery?
- What are attacking patterns, and which obstacles need to be in place to prevent the spread of the attacks?

For the first edition we will have the following keynotes:

Presenting BKW's approach to cyber defence (energy)
Ivo Maritz, Executive Consultant, Cyber Security, BKW AG

CyberSec approach and OT-IT integration in USZ (health care)
Erik Dinkel, CISO UniversitätsSpital Zürich USZ

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

Roundtable 1:
How to optimally segregate OT and IT and how to implement security event monitoring?

Roundtable 2:
Which measures are put in place to detect and which plans are prepared for response, mitigation, fall-back and recovery?

Date: September 24, 2020
Time: 12:15h - 20:30h
Place: BKW, Viktoriaplatz / Optingenstrasse 25, 3013 Berne

After the event, we will visit Münster Tower Bern (Apero), followed by a dinner.

Agenda

12:15	Lunch
13:15	Welcome notes, by BKW, Kudelski Security and Prof. Hämmerli
13:30	**Presenting BKW's approach to cyber defence** Ivo Maritz, Executive Consultant, Cyber Security, BKW AG
14:00	Roundtable 1: **Which security measures are in place (in your company) to prevent the attacker moving along the cyber kill chain? Do you have a mitigation plan if the threat level increases, which could include losing some functionalities?**
15:10	Break
15:30	**CyberSec approach and OT-IT integration in USZ** Erik Dinkel, CISO UniversitätsSpital Zürich USZ
16:00	Roundtable 2 **Which measures are in place for detection and which plans are available for response and remediation?**
17:20	Wrap up
17:30	Transfer to Münster Berne, apero and Münster Tower visit
19:15	Dinner
20:30	End of the meeting

Outlook on Forum 2 and 3

Swiss OT-IT Cyber Security Forum 2

on Cloud Edge Industrial IoT (IIOT): Which additional security measures are needed?
Core topic: The strategic trend is to report all sensors values to cloud, and then calculate from the cloud the steering or control values which will be delivered back to the infrastructure. Which new security aspects should be covered e.g. cloud security practices and cloud migration security support. Is patching compliant with the sectors rules?

Date:	February 4, 2021, 12:00-20:30h
Place:	ABB Baden
Speakers:	Presentations by ABB and U-Blox
Roundtable 1:	Shared Responsibility: What we must consider, when using IIOT Cloud?
Roundtable 2:	IIOT security: which concepts, architectures and technologies provide the required security level.

Swiss OT-IT Cyber Security Forum 3

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

Date:	June 10, 2021, 12:00-20:30h
Place:	Axpo Kernkraftwerk Leibstadt
Speakers:	ENISA on Certification and VDOO Connected Trust Ltd on Innovation
Roundtable 1:	Certification: in which cases should we take advantage of these?
Roundtable 2:	Innovation in OT-IT: how do most of the recent advancement help?

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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

□ Three consecutive forums for CHF 960.–
3 events Forum 1 (24.09.2020), Forum 2 (04.02.2021), and Forum 3 (06.10.2021)

□ 1st OT-IT Cyber Security Forum, September 24, 2020 for CHF 360.– (single event)

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