



## Securing Supply Chains: **What does this mean for OT and IT?**

Supply chain challenges and necessities against the divide between NATO, Russia, and Asia blocks. Which actions must be taken to be knowledgeable and prepared?

9<sup>th</sup> Forum, June 22, 2023 12:00-20:30 h  
Kraftwerke Oberhasli AG  
Hotel Handeck, Handegg 6, 3864 Guttannen

# 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.

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### 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](mailto: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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# Securing Supply Chains: What does this mean for OT and IT

The consequences of the divide between NATO, Russia and China for the supply chain should be carefully analyzed and reacted upon. The USA is demonstrating a clear stance of no cooperation with nations having Chinese made devices in their infrastructures. Should conflicts intensify, and this is what all indicators predict, devices and equipment stemming from the conflicting side will suddenly be an extreme risk. Preparation for this scenario is unavoidable for all corporations with professional risk management.

The first step in creating a plan is to make an inventory of existing components, for the hardware and software. Then reflection starts, where the company could be potentially at risk. Finally, both, a strategic plan how to develop the systems and an emergency plan in case of more intense conflicts should be elaborated. Of course, we all do not want this happening, but we should be realistic, and acknowledge that such a scenario is today far more likely than earthquake and other potential risk.

In the supply chain multiple issues like geopolitical strategy (including information dominance and backdoors), transport, pandemic and human resources interact with one another and create dependencies, and new risks. In some cases, negative business consequences on the corporate balance sheet can be avoided by early replacement of high-risk components.

What does this mean for our community? Adopting a new strategy for IT components with 3 to 5 years of expected operating time is relatively easy in contrast to OT components, which usually have between 20 and 30 years of expected operating time.

Discussion points on these issues are:

- Do you know your assets? do you perform inventory and asset management?  
If so, how up-to date is it? And to what level of detail do you manage your asset inventory?
- Which plans and concepts have you prepared for addressing supply chain issues?
- Are you ready to replace some, many, or all components which might have problematic issues with respect to strategic country policy?

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Keynotes:

**Global infrastructure resilience for national data: How to prepare for new and upcoming digital emergencies?**

Christoph Schnidrig, Head of Technology, Amazon Web Services (AWS) Switzerland

**The many facets of Supply Chain Security – – and how we should prepare and react?**

Alex Diekmann, Director Corporate Security, u-blox AG

Roundtables:

**Roundtable 1: New dimension of inventory and asset management: What do we really need to do?**

**Roundtable 2: What can be done to maintain a high level of security and mitigate rising geopolitical risks?**

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**Date: Thursday, June 22, 2023**

**Time: 12:00 h - 20:30 h**

**Place: KWO, Hotel Handeck, Handegg 6, 3864 Guttannen**

By car: Hotel Handeck (<https://goo.gl/maps/GhZgqdNu1ExqA7AN7>)

Public Transportation: KWO Shuttle: 11:30h Kraftwerke Oberhasli AG, Grimselstrasse 19, 3862 Innertkirchen.

Nearby train station Innertkirchen (train from Meiringen arrives 11:25h)

9<sup>th</sup> Swiss OT-IT Cyber Security Forum

June 22, 12.00 – 17:30,  
with social activity and dinner 20:30h

# Agenda

## In-Person Meeting, KWO Oberhasli, at Hotel Handegg

Handegg 6, 3864 Guttannen (<https://goo.gl/maps/GhZgqdNu1ExqA7AN7>)

On participants special request, online attendance will be provided.

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- 12:00 Lunch at Hotel Handeck
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- 12:45: Networking amongst participants
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- 13:15 Welcome note by KWO and Prof. Bernhard Hämmerli
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- 13:30 **Global infrastructure resilience for national data: How to prepare for new and up-coming digital emergencies?**  
Christoph Schnidrig, Head of Technology, Amazon Web Services (AWS) Switzerland
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- 14:00 **Roundtable 1:**  
**New dimension of inventory and asset management: What do we need really to do?**
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- 14:55 Exchange between groups
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- 15:10 Break
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- 15:40 **The many facets of Supply Chain Security – and how we should prepare and react?**  
Alex Diekmann, Director Corporate Security, u-blox AG
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- 16:10 **Roundtable 2: What can be done to maintain a high level of security and mitigate rising geopolitical risks?**
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- 16:55 Exchange between groups
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- 17:10 Wrap up and information on next meeting
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- 17:25 Transfer (private car) or KWO shuttle from Hotel Handeck 6 to Hotel Grimsel Hospiz
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- 17:40 KWO shuttle leaves from Hotel Grimsel to KWO Facilities for registered participants
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- 19:00 Invited dinner on pre-registration at Hotel Grimsel Hospiz , 3864 Guttannen (<https://goo.gl/maps/LMjHpczJ6QJ2fGHw6>) (registered participants only)
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- 20:45 KWO shuttle transfer from Hotel Grimsel Hospiz to Innertkirchen nearby SBB



# Swiss OT-IT Cyber Security Forum 10

**Human Factor in OT-IT, and in-between: identifying the potential for better security and acting for an improved maturity.**

Leading people is considered as a big art, but to lead people in security, where limited disciplinary measures are available, is a paramount art. We will approach the following topics and provide state of the art proposals regarding: How to stimulate for security, how to make the buy-in, how to keep the interest on a high level, and how bring the OT an IT communities together in a common track despite of their differences.

- Date: Thursday, September 19, 2023, 12:00-20:30h METAS,  
Place: Bindenweg 50 Wabern-Bern  
Speakers: Thomas Schlienger TreeSolution, TBA  
Roundtable 1: Security culture, awareness, and behavior: identifying successful and failing strategies.  
Roundtable 2: Merging OT-security and IT-security: identifying challenges, options for improvement and tips for keeping the new sec status on a high level.

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# Swiss OT-IT Cyber Security Forum 11

**OT – IT – Cloud: How to handle cloud and multi-cloud securely?**

Fact is that many producers of equipment as e. g. smart meter, SCADA devices as e. g. Honeywell and others sell as standard architecture devices which reports data to the cloud. All subsequent actions companies will take the data from the cloud and perform their calculations. Against this background cloud is for IT the strategic option for architecture, but also the OT community must care for the cloud and its security. Which actions are necessary?

- Date: Thursday, March 7, 2024, 12:00-20:30h  
Place: request set, answer is pending.  
Speakers: TBD  
Roundtable 1: Cloud and cloud security: what does it mean for OT and IT?  
Roundtable 2: OT single and multi-cloud: how to provide security and resilience?

# 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](mailto:info@OT-IT-CyberSecurityForum.ch)

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- Three consecutive forums for CHF 960.–  
3 Forums: Forum 9 (20.06.2023), Forum 10 (14.09.2023), Forum 11 (07.03.2024)
  - 9<sup>th</sup> OT-IT Cyber Security Forum, June 22, 2023 for CHF 360.– (single event)
  - I register for the KWO sight-seeing tour from 17:40-19:00h starting at Hotel Grimsel Hospiz
  - I register for the sponsored Dinner 19-20:30h at Hotel Grimsel Hospiz
  - I register for KWO shuttle transport from Innertkirchen 11:30h and back

Online participation will be available on your special request to the organizer.

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First Name ..... Last Name .....

Organisation .....

Job Title .....

Street / No. .... ZIP / City .....

Phone ..... Cellphone .....

Email .....

Please add instructions for invoice, needing an offer etc.:

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