Human Factor in OT, IT, and between:

Identifying the potential for better security and how to reach the new level.

How to stimulate for security, how to get the buy-in, how to keep the interest on a high level, and how to bring the OT and IT communities together in a common track despite of their differences for reaching better security?

10th Swiss OT-IT Cyber Security Forum, September 19, 2023, 12:00-20:30 Eidgenössisches Institut für Metrologie METAS, Lindenweg 50, CH-3003 Bern-Wabern

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 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 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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Human Factor in OT-IT, and between:
Identifying the potential for better security and how to act for reaching a higher level of maturity.

Leading people is considered a great art, but to lead people in security, where only 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 measure awareness and security culture level, how to stimulate for security, how to get the buy-in, how to keep the interest on a high level, and how to bring the OT an IT communities together in a common track despite of their differences.

Creating a very good security means both: to care for a high level of technical security and to invest into workforce knowledge, behavior, and attitude. Failure in security culture means keeping a door open, in the weakest link: the employee. Cyber security specialists have already a decade and more of experience in "security shaping" employees, meanwhile this topic in the operational technology is rather new and must be developed from scratch in many enterprises.

We have two leading experts presenting: Tomas Schlienger with 25 years' experience in awareness and security culture, successfully helping many corporations to align the employees with the cyber security requirements of the company. Matthias Glock is one of the early adopters making the employees of the OT workforce aware. Although the security is quite the same, but since the use case is different, the workforce has a different educational background and timelines are different, we need to reflect what this means for the awareness. Matthias will share with us the experience gained in SBB on this topic.

Discussion points on these issues are:
- What are the commonalities in human behavior between the cyber security and the OT security communities?
- What are the differences in human behavior between the cyber security and the OT security communities?
- How to merge the two communities, cyber security, and OT security to get the maximum-security gain at lowest possible cost?

SWISS OT-IT CYBER SECURITY FORUM

Human Factor in OT-IT, and between:
Identifying the potential for better security and how to act for reaching a higher level of maturity.

Keynotes:

Security Awareness Strategies: How to improve awareness with the least possible investment?
Thomas Schlienger, TreeSolution

Human Factor in OT and IT Security: What are commonalities and differences and what is their impact on better security?
Matthias Glock, Information Security Officer, SBB, Infrastructure Division

Roundtables:

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 newly reached status on a high level.**

Date: September 19, 2023
Time: 12:00 h - 20:30 h
Location: Eidgenössisches Institut für Metrologie METAS
               Lindenweg 50, 3003 Bern-Wabern

Standort (metas.ch)

Agenda

In-Person Meeting: Eidgenössisches Institut für Metrologie METAS

Lindenweg 50, 3003 Bern-Wabern Standort (metas.ch)

On participants special request, online attendance will be provided.

12:00	Lunch at METAS
12:45:	Networking amongst participants
13:15	Welcome note by METAS and Prof. Bernhard Hämmerli
13:30	**Security Awareness Strategies: How to improve awareness with the least possible investment?** To be defined, HSLU lecturer
14:00	**Roundtable 1:** **Security culture, awareness, and behavior:** **Identifying successful and failing strategies.**
14:55	Exchange between groups
15:10	Break
15:40	**Human Factor in OT and IT Security: What are commonalities and differences and what is their impact on better security?** Matthias Glock, Information Security Officer, SBB, Division Infrastructure
16:10	**Roundtable 2:** **Merging OT security and IT security: Identifying challenges, options for improvement and tips for keeping the newly reached status on a high level.**
16:55	Exchange between groups
17:10	Warp up and information on next meeting
17:30	METAS insights on: Labor Time and frequency (metas.ch Labor EMV Electromagnetic compatibility (metas.ch
19:00	Invited dinner on pre-registration at Gasthaus Landhaus Liebefeld
20:30	End of the meeting

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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
Location:	Amazon WebServices, Marsstrasse 2, 8002 Zürich
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?

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Real incidents: What we can learn from them?

Does our own organization need to be affected by incidents, or can we learn from the incidents of others? For learning from the incidents of other organizations, we need to know those incidents in detail, and we need to know about the learning process which was triggered in the other organization. The grand challenge is how to learn from incidents better than we do today.

Date:	Thursday, June TBD, 2023, 12:00-20:30h
Location:	Greater Zurich area, final answer pending
Speakers:	TBD
Roundtable 1:	Incident sharing: How do you share, and how do you receive information on incidents: What are the improvements we should aim for?
Roundtable 2:	A new culture for learning from incidents: How to implement it within our company?

Registration

Register by replying to the invitation email with all your details – or by filling out this form, scanning it in or taking 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 10 (19.09.2023, Forum 11 (07.03.2024, Forum 12 (TBD.06.2024

☐ 10th OT-IT Cyber Security Forum, September 19, 2023 for CHF 360.– (single event) I

☐ register for the METAS sight-seeing tour from 17:30-19:00h

☐ I register for the sponsored Dinner 19:00-20:30 at Landhaus Liebefeld

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

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