



■ ICS 3C – ICS Cybersecurity Council Conference 2014

Wednesday, 1st October 2014 - Print Media Academy, Heidelberg, Germany

Join industry experts and ENISA (the European Union Agency for Network and Information Security) in a pan-European dialogue on ICS (Industrial Control Systems) Cybersecurity. High-quality presentations, lively discussions and hands-on-workshops address today's issues and tomorrow's solutions in securing industrial control systems and critical infrastructure. Depending on your interest you may focus on organisational or more technically oriented topics:

Track 'M': Management & Organisation

- Benefit from other sectors' expertise
- Gain first-hand insight into European policy-making (e.g. CERT, Certification)
- Address your requirements to vendors, policy makers and end users
- Shape the future European security landscape

Track 'O': Best Practices & Operation

- Learn about best practices for patch management, whitelisting, firewalls and data diodes
- Exchange know-how on cybersecurity issues
- Discuss the "real" solutions
- Leave with practical tools and techniques that you can immediately put into use in your organisation

Confirmed Speakers in alphabetical order:

Adrian Pauna, ENISA, Expert in Network & Information Security / Resilience and CIIP

Andrew Ginter, Waterfall Security Solutions, Vice President Industrial Security

Dimitris Mouzakitidis, Odyssey Consultants, Senior Information Security Consultant and an ISO 27001 Lead Auditor

Dr. Evangelos Ouzounis, ENISA, Head of ENISA Critical Information Infrastructure Protection (CIIP) and Resilience Unit

Franz Hoheiser, KAV (Major Healthcare Provider), Chief Information Security Officer; Vice President of Cyber Security Austria

Hartmut Manske, Merck, Head of Automation & Electrical Engineering & Services; NAMUR WG „Automation Security“

Herbert Schindelka, Wiener Stadtwerke Holding (Energy Supply and Public Transport Vienna), Chief Information Security Officer

Dr. Hubert Keller, Institute of Applied Computer Sciences, Karlsruhe Institute of Technology

Dr. Konstantinos Moulinos, ENISA, Expert in Network & Information Security / Resilience and CIIP

Marco Thorbrügge, ENISA, Head of Unit "Operational Security" / CERT

Peter Sieber, HIMA, NAMUR WG Automation Security and Member of DKE 931.1 (DIN)

Dr. Ragnar Schierholz, ABB, Head of Cyber Security Process Automation Division & BU Industry Solutions

Sinclair Koelemij, Honeywell Industrial IT Solutions, Technical Lead EMEA

Stefan Woronka, Siemens, Business Development Manager for Industrial Security Services

Thomas Walter, E.ON Nuclear Power, Process IT-Security Manager

Registration Fee:

We aim to establish a well-balanced audience of users, vendors, academia and policy-makers in order to ensure fruitful discussions.

Asset Owners / End-users, Policy Makers, Academia:

EUR 300,00 / 200,00*

System Vendors, Consultants, Service Providers:

EUR 1.000,00 / 700,00*

* Early Bird - until 30th Aug

AGENDA

Wednesday, 1st October 2014, 08:30 h - 17:30 h
Print Media Academy, Heidelberg, Germany



Opening Plenary Session

Introduction & Welcome

Dr. Evangelos Ouzounis, ENISA; Erwin Kruschitz, anapur

EURO-VISION: ICS Cybersecurity Council – a pan-European dialogue

IT & Automation – like Oil & Water?

What is the degree of harmony between Information Technology and Operational Technology (Automation Engineers, Medical Device Engineers, Building Control Engineers)? What are the reasons for disharmony? How to become friends?

Thomas Walter is Process-IT Security Manager at E.ON Kernkraft. He is Co-Author of VGB-S175 and member of VGB Working Group IT-Security (specialized on nuclear power plants) and active within IEC.

The new **VGB Standard S175** (IT-Security within the area of Energy Production) and experiences in **IT- and automation in nuclear power plants**.

Herbert Schindelka is Chief Information Security Officer at Wiener Stadtwerke Holding.

How does the city of Vienna deal with **gas-& electricity supply and public transportation** /2.5 million persons/day. Which steps have been undertaken in order to meet the corresponding **IT-Security requirements**.

M - Management & Organisation 1 (Morning Session)

European ICS -CERT

Do we need more intense inter-European communication regarding ICS Cyber Security? What kind of information could be shared? Could an ICS-specific Computer Emergency Response Team (CERT) be a platform for this information exchange? The role of CERT for civil protection. How can ENISA help in this matter?

Franz Hoheiser is Chief Information Security Officer at one of Europe's largest hospital organisations: the Vienna Hospital Association. He is also Vice President of Cyber Security Austria.

IT- Security, **civil protection** and management of catastrophes. How is cyber security setup in **health care organizations**? What is the communication between KAV and close neighbours such as Switzerland and Germany?

Marco Thorbruegge is Head of Unit for "Operational Security" at ENISA and the specialist for Computer Security and Incident Response.

Is a **(European) CERT** necessary? What kind of support does ENISA offer to its stakeholders? Which steps need to be accomplished. How to build trust?

O – Operation & Best Practices 1 (Morning Session)

Moderator: **Adrian Pauna**, ENISA

Peter Sieber from HIMA is Guest in NAMUR WG Automation Security and Member of DKE 931.1, working IEC 62443 and active at the Conformity Assessment Board of IEC.

Does "insecurity" of ICS influence the **Functional Safety**? What needs to be protected? Can principles developed for Functional Safety be rolled out for Security?

Dr. Ragnar Schierholz from ABB is responsible for cyber security and working in ISA99/IEC62443

(Why) Is **Patch Management** important? What are the challenges in the area of ICS? What are the recommendations of IEC? Solutions based on a specific ICS Patch Management example.

Meet other experts and share ideas during coffee & lunch breaks in our catering & exhibition area!

AGENDA

Wednesday, 1st October 2014, 08:30 h - 17:30 h
Print Media Academy, Heidelberg, Germany



M - Management & Organisation 2 (Afternoon Session)

Certification:

Do we need "certification by decree"? How can we accelerate the security process?
And who (vendor, asset owner, policy maker) needs to do what?

Dr. Hubert Keller is leading scientist at the Institute of Applied Computer Sciences, Karlsruhe Institute of Technology. He was part of an ICS development team. Currently he is lecturing real time systems software and member of several scientific and technical groups.

Where are the problems of the current control systems?
Which technologies, guidelines and best practices could be used for **product design and development** in the field of ICS.

Dr. Konstantinos Moulinos (ENISA) is Expert in Network & Information Security- Resilience & CIIP and has initiated several CIIP Certification activities.

What can be best certified: Products, People, Plants, or Processes? Why is **Certification** important? Could Europe avoid certification fragmentation? How could regulatory recommendations deliver maximum Rol?

Stefan Woronka from Siemens is responsible for Security Consulting Services for (Process-) Industry Customers.

Debate Session with focus on:

Hartmut Manske is Head of Automation & Electrical Engineering & Services at Merck and Member of the NAMUR Working Group „Automation Security“.

What needs to be done on the road to security? Who is responsible for what? What does the vendor expect from the asset owner and vice versa?
EU-NIS-directive: chances and risks.
What do we expect from policy makers?

O – Operation & Best Practices 2 (Afternoon Session)

Dimitris Mouzakis from Odyssey Consultants is a Senior Information Security Consultant and an ISO 27001 Lead Auditor.

Logfiles: Find out the power that is hidden in them. How to proactively identify and help you prevent malicious threats and hacking attacks through intelligent log analysis and correlation? Comply with legal and regulatory requirements.

Andrew Ginter, Vice President of Industrial Security at Waterfall Security Solutions is Co-Chair of WG1 in the ISA99/IEC62443 Standard. This working group is responsible for "Security Technologies"

Data Dioding vs. Firewalling: Pros and cons. What are the advances of hardware-enforced security beyond the existing best-practice? Temporarily reversible hardware, and simultaneous, independent inbound and outbound channels.

Sinclair Koelemji is responsible for ICS cybersecurity at Honeywell Process Solutions and reviewer of the ISA-62443-2-3/-3/-3 standards.

(Why) Is **Whitelisting** an alternative / enhancement to traditional virus scanners. What are the lessons learned in "Application Whitelisting"?

Closing Plenary Session

EU-NIS Directive: Article 10 "Early Warning" and Article 16 "Standardization"

Do vendors have to issue an "Early Warning"? Examples for "Early Warnings". What would have happened if NIS would have been in force during "Stuxnet-time"? What could be the "ICS security standard" the European countries will focus on: ISO270xx / IEC62443?

ICS Cyber Security Council - Next Steps

How to facilitate a continuing pan-European dialogue? Scope and content of desired information exchange (CERT, Standards, Early Warning System, Certification, Responsibilities, Ways of Communication). How to maintain Council Quality Assurance and Guidance.

■ REGISTRATION

ICS 3C

ICS Cybersecurity Council Conference 2014



Wednesday, 1st October 2014, 08:30 h - 17:30 h
Print Media Academy, Heidelberg, Germany

Please complete and send to: Ina Massier i.massier@anapur.de; Fax +49 6233 880393-29

Title: First Name: Last Name:
Organisation:
Department: Position:
Street:
Country: Postal Code: City:
Phone: E-Mail:
Billing address (if different):
VAT-Nr.: Order-Nr.:

Registration Fee

End-user / Policy-maker / Academia	(Early Bird EUR 200,00)	EUR 300,00
System Vendor / Consultant / Service Provider	(Early Bird EUR 700,00)	EUR 1.000,00

Early Bird Registration is available until 30th August. The registration fee includes conference attendance, coffee and lunch breaks. The fee is payable via bank transfer as per invoice.

Conference Language : The official conference language will be English

Please select the track you plan to attend (see Agenda):

Morning Session

Track M – Management & Organisation 1
Track O – Operation & Best Practices 1

Afternoon Session

Track M – Management & Organisation 2
Track O – Operation & Best Practices 2

I wish to be automatically registered for the **ENISA Workshops on 30/9/2014** at the Print Media Academy in Heidelberg (free of charge) as detailed at the **ENISA [website](#)**.

How did you hear about the ICS 3C?

If you have any questions, please contact:

Ina Massier: Tel. +49 6233 880393-14, E-Mail: i.massier@anapur.de
Conference Organisation: anapur AG, Neumayerring 43, D-67227 Frankenthal

Date / Place / Signature:

Terms & Conditions

If you cannot attend the conference you have two options: 1. We are happy to welcome a substitute colleague at any time. 2. Cancellations until September 20th and will be fully refunded. If you are cancelling after this date or in case of non-attendance, there will be no refund. Only written cancellations are accepted. anapur AG reserves the right to change the materials, instructors, or speakers without notice or to cancel an event. If the event must be cancelled, registrants will be notified as soon as possible and will receive a full refund of fees paid. anapur AG will not be responsible for discount airfare penalties or other costs incurred due to a cancellation.

Terms of payment: Payable without deductions within 14 days after receipt of invoice.

