

ABB Automation & Power World: April 18-21, 2011

# PSE-000-2

## Cyber security: An interactive panel discussion with ABB's experts

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- Speaker name: Markus Braendle
- Speaker title: Group Head of Cyber Security
- Speaker name: Akilur Rahman
- Speaker title: Division Cyber Security Manager, Process Automation
- Speaker name: Bart de Wijs
- Speaker title: Division Cyber Security Manager, Power Systems, Power Products

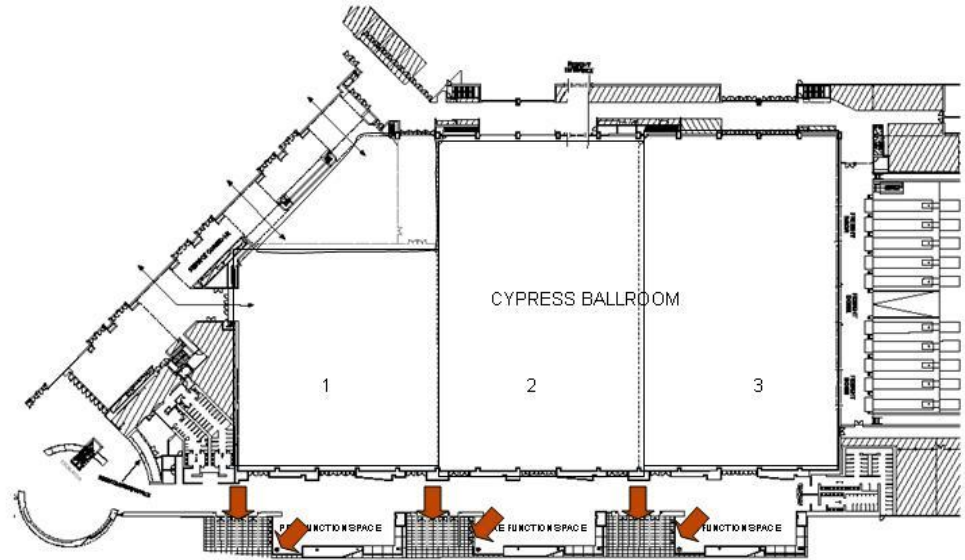
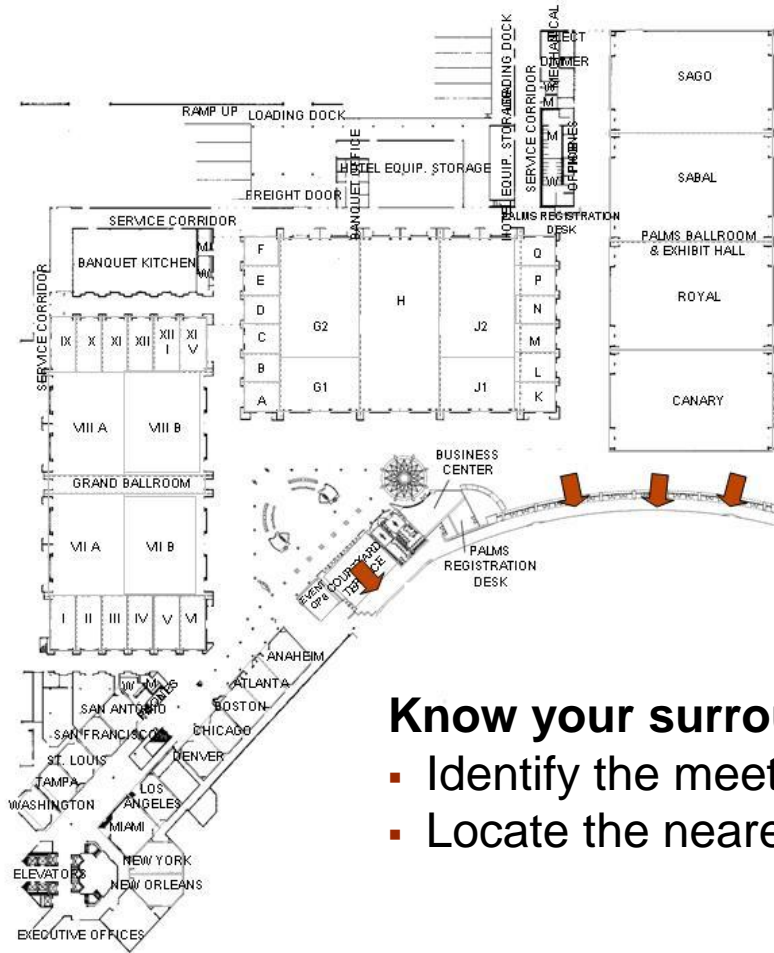
# Your safety is important to us

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- In the event of an alarm, please proceed carefully to the nearest exit. Emergency exits are clearly marked throughout the hotel and convention center.
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- Hotel associates will be located throughout the public space to assist in directing guests toward the closest exit.
- Any guest requiring assistance during an evacuation should dial “0” from any house phone and notify the operator of their location.
- Do not re-enter the building until advised by hotel personnel or an “all clear” announcement is made.

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## Convention Center exits in case of an emergency



### Know your surroundings:

- Identify the meeting room your workshop is being held in
- Locate the nearest exit

# Our goals today

1. Give you an overview and insight into cyber security at ABB  
No product specifics!
2. Answer (all) your questions  
Please ask!
3. Get your feedback  
Your chance to make yourself heard!
4. **Build up trust for future discussions**

# Cyber Security @ Automation and Power World

## April 18-21, 2011 – Orlando, Florida

### Cyber Security: Technologies and Solutions

#### Tuesday, April 19, 2011

Session 1 – 9:30 a.m.	WSE-109-1	NERC-CIP, ISA 99 and other cyber security standards: What's new and how do they affect you
Session 2 – 11:00 a.m.	WSE-111-1	Secure your process plant operation
Session 3 – 1:30 p.m.	WSE-107-1	Cyber security: Buying a pig in a poke? How to get the security you need
Session 4 – 3:00 p.m.	WSE-110-1	Proper monitoring and configuration: Getting the most out of your cyber security investments
Session 5 – 4:30 p.m.	WSE-112-1	Security features, capabilities and support of your 800xA system

#### Wednesday, April 20, 2011

Session 6 – 8:00 a.m.	WPS-107-1	Cyber security in your Relion®-based protection and control solutions
Session 7 – 9:30 a.m.	CSE-102-1	Secure commissioning of your process plant: Case study
Session 8 – 11:00 a.m.	WTP-121-1	Addressing today's compliance challenges with automated solutions
Session 9 – 1:30 p.m.	CSE-101-1	Leveraging the ABB - Industrial Defender partnership to secure your control system: Case study
Session 10 – 3:00 p.m.	WSE-106-1	Cyber security in the system life cycle: ABB's commitment
Session 11 – 4:30 p.m.	PSE-108-1	Cyber security: The present state and where the future will lead

#### Thursday, April 21, 2011

Session 12 – 8:00 a.m.	WSE-103-1	Cyber security 101: What you need to know about current threats, solutions, standards and more
Session 13 – 9:30 a.m.	WSE-105-1	Cyber security for smart grid

#### Featured speakers

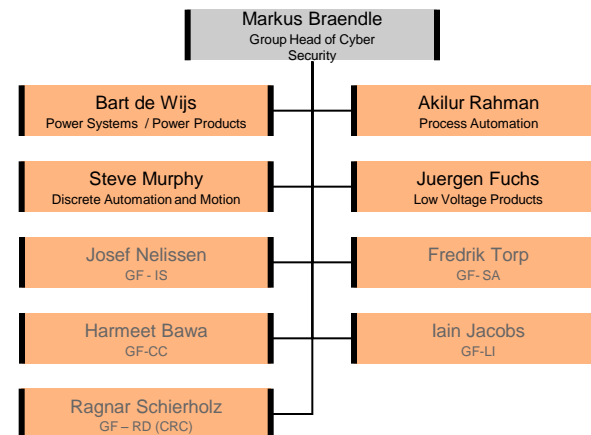
- Tim Roxey, NERC
- Eric Cosman, Dow Chemicals
- Brian Ahern, Industrial Defender
- Tyler Williams, Wurdtech

# ABB Cyber Security Organization

Cyber security is **formally established** within ABB - it is not just an additional side task

**Systematic approach** to cyber security through operations on a global level

Goal is to provide solutions and services that address cyber security in every respect



# ABB Cyber Security Organization

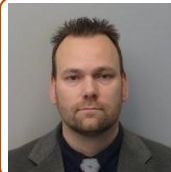
## Who is in the room today?



**Markus Braendle**  
Group Head of Cyber  
Security



**Akilur Rahman**  
PA Division Cyber  
Security Manager



**Bart de Wijs**  
PS / PP Division Cyber  
Security Manager



**Tomas Lindstrom**  
BU Head of Cyber  
Security, OCS



**Jim Lemanowicz**  
Cyber Security Manager,  
Power Generation



**David Macy**  
Manager, Regional  
Technical Advisors



**John Fridye**  
Cyber Security Engineer,  
Ventyx



**Olav Mo**  
Specialist - IT Security  
& Architecture

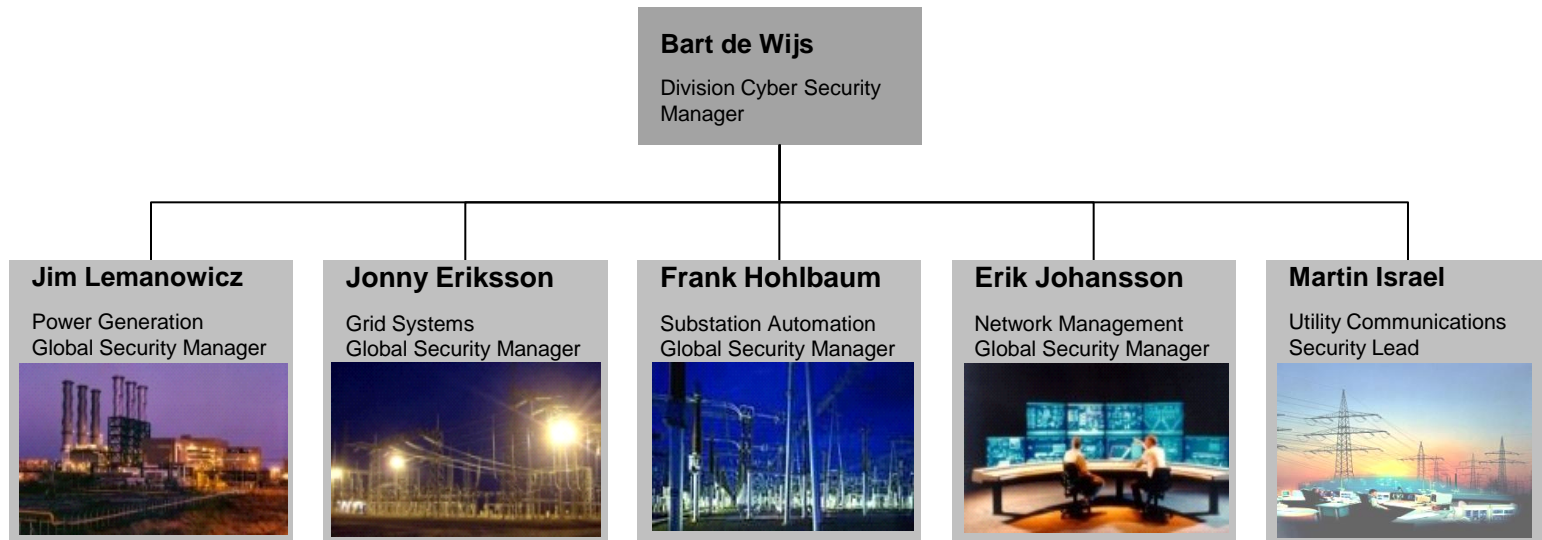


**Ragnar Schierholz**  
Principal Scientist,  
Corporate Research



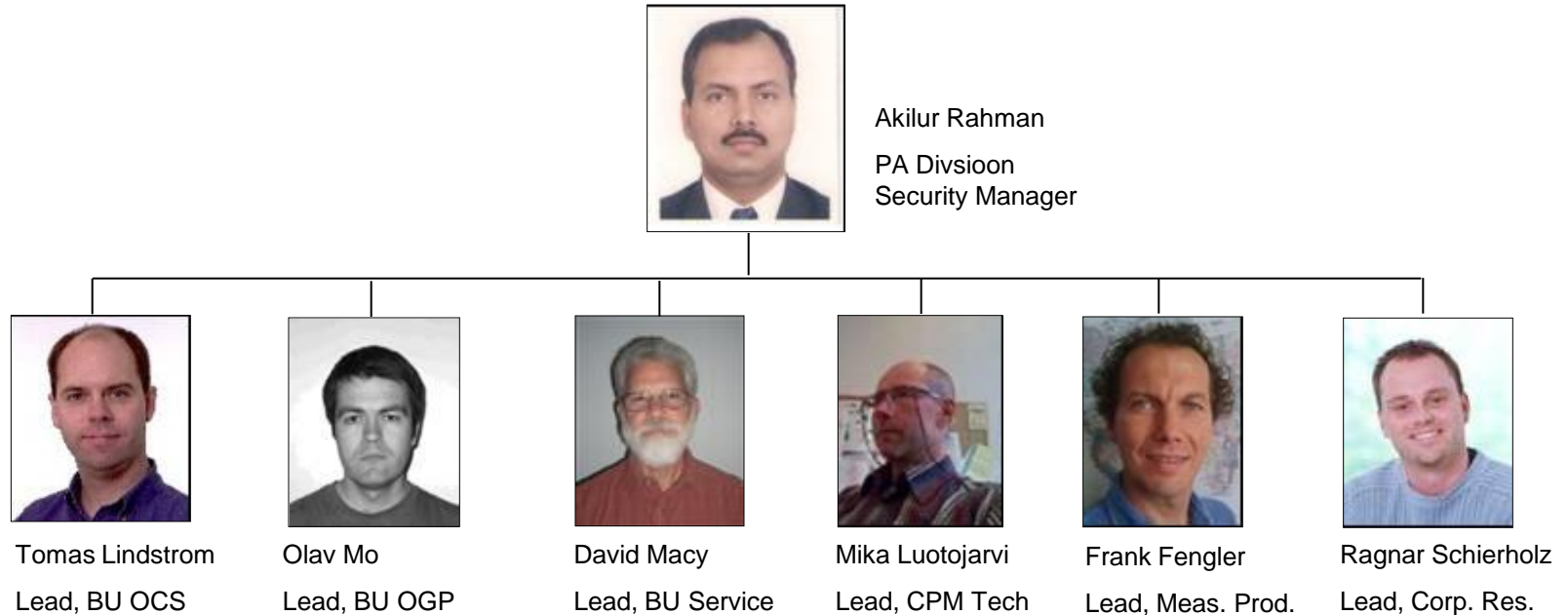
# ABB Cyber Security Organization

## Power Systems / Power Products



# ABB Cyber Security Organization

## Process Automation



# Q & A

1. What do you consider the biggest challenge, both for vendors and customers?
2. What standards, regulations or guidelines should owners and operators be aware of?
3. How does one keep ahead of the “bad guys”? How do you?
4. What are some pragmatic steps owner and operators can take to improve the cyber security of their installed base?
5. How big are cyber security related risks? What should the industry be most worried about?
6. What is the nature of the “strategic partnership” with Industrial Defender and what does it mean for ABB customers?

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# Reminders

## Automation & Power World 2011

- Please be sure to complete the workshop evaluation
- Professional Development Hours (PDHs) and Continuing Education Credits (CEUs):
  - You will receive a link via e-mail to print certificates for all the workshops you have attended during Automation & Power World 2011.
  - **BE SURE YOU HAVE YOUR BADGE SCANNED** for each workshop you attend. If you do not have your badge scanned you will not be able to obtain PDHs or CEUs.

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