Training workshop

"Cyber Security for Control Systems and Critical Information Infrastructure Protection :CIIP"

Date: 23-26 May 2016 [4 days]

Venue: Istanbul - Turkey

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Training workshop:
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Framework:
- "AICTO" Technical study: "Struggling Against the Use of Internet by Terrorists"
- "AICTO" Action plan [2016] - Pillar III "Capacity Building" : Building Arab skills capacity in the field of ICT.

Main objectives:
- To provide an overview of the Security for ICS framework and its core elements
- To formally establish a governance framework to ensure that ICS security risk are managed consistently and appropriately on an ongoing basis
- To gain a thorough understanding of the risk that the Arab institutions and organisations are facing in order to identify and drive the appropriate level of security protection required
- To identify key third parties and effectively manage the associated risks that may have an impact on the security of an organisation's ICS
- To increase ICS security awareness throughout the Arab industrial ecosystem and to ensure that all personnel have the appropriate knowledge and skills required to fulfil their role

Target Audience:
Arab ministries of Interior, Arab ministries of Defence, Public sector (ICT Ministries and public institutions), Cybersecurity agencies, ICT regulators, ICT companies, ICT research organizations, Service providers, Telecom. Operators, Academia & All interested parties.
**Agenda:**

### Day 1  Fundamentals of ICS Security
- Key ICS components (network components, control components)
- ICS characteristics, vulnerabilities, and threats
- Incident handling in ICS infrastructures
- Taxonomy of available security solutions for ICS

### Day 2  Deploying and managing an ICS security program
- Performing risk and vulnerability assessment
- Defining the mitigation controls
- Training and promoting team awareness
- Analyzing a business case for ICS security

### Day 3  ICS security controls
- Management controls
  - Asset classification, effort and cost estimation, security program management
- Operational controls
  - Contingency planning, personnel security, configuration management, maintenance and troubleshooting
- Technical controls
  - Identification and authentication, authorization and accounting, access control, intrusion detection and prevention

### Day 4  Standards and certifications
- **Asset, Vulnerability, and Risk Assessments:** GAO-04-354, Critical Infrastructure Protection: Challenges and Efforts to Secure Control Systems, U.S. GAO
- **INGAA Control Systems Cyber Security Guidelines for the Natural Gas Pipeline Industry:** Interstate Natural Gas Association of America (INGAA), April 2011
Registration Fees

- **Registration Fees** 1000 USD$
  - 20% of discount is applied for AICTO members
  - For 2 registered from same structure, 3rd registration is free

- Registration fees cover
  - Training
  - Documentation
  - Lunches
  - Coffee breaks

- Payment Modalities
  - Bank transfer in advance
  - Cash

If you're interested in attending this training course, please fill out the attached “Training Form” and send it back by fax at this number: **00 216 71 846 865**.

If needed AICTO can provide interested participants by a list of hotels with preferential prices