



*Regional Workshop on Critical National Infrastructure Protection*

*Hurghada-Egypt, 20-21 May 2015*

**Draft Agenda**

**Day 1 (20 May 2015 )**

<b>08:00 - 09:00</b>		<b>Registration</b>
<b>09:00 - 09:30</b>		<b>Opening Session</b> <ul style="list-style-type: none"> <li>- Welcoming Remark by NTRA</li> <li>- Welcoming Remark by ITU</li> </ul>
<b>09:30 - 10:30</b>		<b>Information Session on ITU 150<sup>th</sup> Anniversary</b>
<b>10:30 - 11:00</b>		<b>Break</b>
<b>11:00 - 12:30</b>		<b>Session 1: Building the CIIP Strategy for Telecom Sector in Egypt (by Dr. Mohamed El Harras, CIIP Strategies and Policies Executive Director, NTRA)</b>  <ul style="list-style-type: none"> <li>▪ The formation of the Supreme Cyber Security Council</li> <li>▪ The Strategy for CIIP Telecom Sector in Egypt</li> <li>▪ Executing the strategy</li> </ul>
<b>12:30 - 14:00</b>		<b>Session 2: General introduction &amp; Industrial Control Systems (by Eng. Haythem El Mir, ITU Expert)</b>  <ul style="list-style-type: none"> <li>▪ Introduction to critical infrastructure</li> <li>▪ Risks to critical infrastructure</li> <li>▪ Industrial control systems overview: components and architecture</li> <li>▪ Risks to Industrial Control Systems</li> <li>▪ Vulnerabilities in the SCADA world</li> <li>▪ Q&amp;A</li> </ul>
<b>14:00 – 15:30</b>		<b>Lunch Break</b>
<b>15:30 – 17:00</b>		<b>Session 3: Industrial Control Systems (Cont.) (by Eng. Haythem El Mir, ITU Expert)</b>  <ul style="list-style-type: none"> <li>▪ Attack scenarios</li> <li>▪ Basic Control Security Considerations</li> <li>▪ Security mechanisms: Defense, Detection, and Analysis</li> <li>▪ Q&amp;A</li> </ul>
<b>17:00 – 17:30</b>		<b>Break</b>



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<b>Day 2 (21 May 2015 )</b>	
<b>09:00 - 10:30</b>	<b>Session 5: Core Telecom</b> <b>(by Eng. Haythem El Mir, ITU Expert)</b> <ul style="list-style-type: none"><li>▪ Overview on telecom networks: components and architecture</li><li>▪ Risks to telecom network</li><li>▪ Vulnerabilities in the core telecom</li><li>▪ SS7 vulnerabilities and attacks</li><li>▪ Security mechanisms: Defense, Detection, and Analysis</li><li>▪ Q&amp;A</li></ul>
<b>10:30 - 11:00</b>	<b>break</b>
<b>11:00 - 12:30</b>	<b>Session 6: Banking systems</b> <b>(by Eng. Haythem El Mir, ITU Expert)</b> <ul style="list-style-type: none"><li>▪ Overview on banking system architecture</li><li>▪ Risks to banking systems: core banking and e-banking</li><li>▪ Vulnerabilities in banking systems</li><li>▪ Attacks on ATM</li><li>▪ Security mechanisms: Defense, Detection, and Analysis</li><li>▪ Q&amp;A</li></ul>
<b>12:30 - 14:00</b>	<b>Session 7 : Critical Information Infrastructure Protection : CIIP</b> <b>(by Eng. Haythem El Mir, ITU Expert)</b> <ul style="list-style-type: none"><li>▪ The Phases of Critical Infrastructure Protection (CIP)</li><li>▪ Security Architecture and Design</li><li>▪ Telecommunications and Network Security</li><li>▪ Compliance</li><li>▪ Q&amp;A</li></ul>
<b>14:00 - 15:30</b>	<b>Lunch Break</b>
<b>15:30 - 16:30</b>	<b>Session 8: Closing Session</b> <ul style="list-style-type: none"><li>- NTRA Representative</li><li>- ITU Representative</li></ul>
<b>16:30 - 17:00</b>	<b>Break</b>