

The SANS logo is displayed in a stylized, metallic font over a blue globe with grid lines. The globe is set against a background of glowing blue lines and dots, suggesting a network or data flow.

# The 2011 European Community **SCADA** & PROCESS CONTROL SUMMIT

Rome, Italy • 1-2 December 2011

## Mark your calendar to attend

Pre-Summit Courses: 26-30 November 2011

Summit: 1-2 December 2011

## Location

Rome Cavalieri Hotel

Rome, Italy

## For more information

[www.sans.org/eu-scada-2011](http://www.sans.org/eu-scada-2011)

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**The European SCADA Summit** will focus on actionable information – techniques and data you can put to work immediately. It will bring together program managers, control systems engineers, IT security professionals, government policy makers and critical infrastructure protection specialists from asset owning and operating organizations along with control systems and security vendors who have innovative solutions for improving security.

In addition, the Global Cyber Security Center (GCSEC) ([www.gcsec.org](http://www.gcsec.org)) an international not-for-profit organization created to advance cyber security in Italy, the region, and around the world will join SANS in offering the 4th Annual European SCADA Summit to address current issues that threaten Supervisory Control and DATA Acquisition System Security and the emerging technologies that provide the best defense.



The Summit is the place to come and interact with top SCADA experts, key government personnel, researchers and asset owners. Attendees will come together to learn and discuss the most current data on cyber security risks to control systems and the most effective new defenses. The Summit promises to be an action-packed conference designed to provide every attendee with new tools and techniques they can put to work immediately when they return to their office.

*You do not want to miss these hot topics both taking place day one of the Summit:*

**Opening Keynote Panel:** Who Can You Trust?  
**Time:** 8:15am – 9:15am  
**Panel Participants:** Government and Industry Leaders

Who should it be? Who can you trust? How should you react in a world that has incomplete information? Where do you find a trusted source in a world where we will never know all the threat data?

**Session:** The Four Forces Reshaping the Future of Cyber Security and How They Affect Careers  
**Time:** 10:45am - 12:00 (noon)  
**Speaker:** Alan Paller, SANS

- Learn which threats are most likely to have real impact
- Hear what works and what doesn't work from peer organizations and get your questions answered about how to apply the innovations
- Network with top individuals in the field of SCADA security
- Leave with solutions you can immediately put to use in your organization
- Learn the most critical security challenges in implementing smart meters and smart grid
- Hear what the US is doing with its \$4.8 billion in Smart Grid funding

*Be sure to also register for the Pre-Summit course – **SCADA Security Advanced Training***

The five-day skills-based course combines advanced topics from SCADA and IT Security into the first hands-on Ethical Hacking course for Industrial Control Systems. Both SCADA administrators and IT security professionals will widen their knowledge through hands-on exercises with live SCADA systems and equipment. The course starts with a review of Industrial Control Systems (ICS), Operating System Kernels, and Network Security, then quickly dives deeply into topics that include SCADA Penetration Testing, SCADA Vulnerability Assessment methodology, Vulnerability Analysis, Embedded Device Fuzzing, Protocol Analysis, and several methods for compromising and dissecting common security controls found on ICS environments.

Students will be provided with several, structured virtual-machine environments to deploy on their own laptops. These will contain pre-configured software with a wide variety of security tools which will be used to guide students through hands-on techniques on how to compromise live ICS equipment, wireless devices, and SCADA Operator Consoles.

**Continue to check the event website [www.sans.org/eu-scada-2011](http://www.sans.org/eu-scada-2011) for updates related to the conference agenda, speakers and participating vendors as they become available.**

**SANS is the most trusted source for information security training, so why go anywhere else?**