The cyber-security SCADALAB project, promoted by Z&P and its European partners under the coordination of INTECO, has been approved and funded by the European Commission.

**SCADALAB** (SCADA LABoratory and test bed for critical infrastructure protection) is a cyber-security project, funded by EC DG Home, which aims to increase CIP (Critical Infrastructure Protection) capabilities at a European level. This goal will be pursued by developing a living SCADA (Supervisory Control And Data Acquisition) laboratory where to carry out security tests and to experiment new technologies that could prevent, detect and mitigate the effects of cyber attacks in EU member states.

SCADA systems are increasingly utilised across Europe to monitor and control plants and equipment in industries such as telecommunications, water, waste control, energy, oil and gas refining, and transportation. As it is the case for every computer-based ICS (Industrial Control System), SCADA systems are susceptible to cyber-attacks. Such vulnerability has been notably demonstrated by several malicious acts that took place over the last few years.

Concrete benefits that will be derived as a result of the project include:

- Definition of security requirements for SCADA systems and design of a specific and detailed security testing methodology;
- Development of an experimental SCADA laboratory closely resembling the SCADA installations used in real-world environments;
- Creation of a tool for granting access to the testing channels to various stakeholders, thus making the use of SCADALAB test beds a remotely accessible service;
- Creation of a tool for effectively sharing the results of security analysis and user experiences;
- Contribution, in the long term, to the establishment of a unified European Homeland Security environment for the protection of European critical infrastructures.

For additional details visit the web page: [http://www.linkedin.com/groups/ScadaLab-Project-4835979](http://www.linkedin.com/groups/ScadaLab-Project-4835979)

**Zanasi & Partners** ([http://www.zanasi-alessandro.eu](http://www.zanasi-alessandro.eu)) is an Italian company specialised in research, training and advising on cyber-security and cyber-intelligence issues.

**Consortium Partners**

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