

## DESEREC 2<sup>nd</sup> Training Workshop Athens, Greece, 24–25 September, 2007

The 2<sup>nd</sup> Training Workshop of the IST IP project DESEREC (IST-2004-026600-DESEREC) will be held in Athens on September 24 and 25, 2007.

### Objective

The objective of the workshop is to raise in-project and public awareness of users to the issues targeted by DESEREC and present the mechanisms and technologies that are developed within the project for increasing the dependability of information systems by monitoring them, making intelligent decisions, and reacting by reconfiguring them.

The technical talks will be supplemented with demonstrations of tools that are under development within the project.

### Target audience

DESEREC's 2<sup>nd</sup> Training Workshop addresses vital topics of system security and dependability as well as engineered mechanisms for enhancing them.

Target audience includes but not limited to

- Software engineers
- System security managers/administrators
- Business service managers

### Registration and Participation

Participation is free of charge but registration is mandatory through [www.deserec.eu](http://www.deserec.eu).



## Agenda

Registration: 24/9/2007, 9:00

### Session 1: Prelude (THC), 9:30

- Overview and objectives of DESEREC (THC)
- Autonomous Network Management (ITEA ENERGY project)
- Dependable, adaptive mobile applications (HIDENETS project)
- Open discussion (moderated)

### Break

- Dependability and security requirements for Critical Information Systems (SGI)
- Introduction to the DESEREC Architecture and Dependability and Security Management (IABG)
- Panel discussion (moderated)

### Lunch, 12:30

### Session 2: Model-based Management of Information Systems (POLITO), 13:30

- Introduction to modelling, validation and operation planning in complex information systems (POLITO)
- Modeling resources and business services and their security/dependability requirements and properties (POLITO)
- Security/dependability analysis of complex information systems: formal verification (IEIIT)

### Break

- Security/dependability analysis of complex information systems: simulation (PWR)
- Simulation of large service oriented systems (TNO)

## Agenda

- Creating plans for operating secure and dependable information systems (UMU)
- Panel discussion (moderated)

Gala dinner, 20:30

### Session 3: System reconfiguration (EADS), 25/9/2007, 9:30

- Introduction (EADS)
- Detection Objectives and Context (THC)
- Detection and Correlation Techniques
  - Rule based correlation techniques (SGI)

### Break

- Anomaly detection through syscall monitoring (Intracom S.A. Telecom Solutions)
- Anomaly detection and handling (SEARCH)
- Dependability metrics (BUTE)

### Lunch, 12:30

### Session 3 (continued), 13:30

- Reaction Techniques
  - Fast Reaction and Reconfiguration (EADS)
  - Integration of a security COTS within the DESEREC reconfiguration process (EXAPROTECT)
- Panel discussion (moderated)

### Break

### Session 4: Postlude (THC), 25/9/2007, 15:15

- Conclusions (THC)



DESEREC is an Integrated Project of the Sixth Framework Programme of the European Union under the Information Society Technologies priority, strategic objective "Towards a global dependability and security framework".

The objective of the project is the definition of a framework to increase the dependability of *existing* and *new* networked Information Systems by means of an architecture based on the following modules.

- *Modelling & simulation*: DESEREC devises and develops innovative approaches and tools to design, model, simulate, and plan critical infrastructures to improve their resilience.
- *Fast reconfiguration with priority to critical activities*: DESEREC provides a framework to respond in a quick and appropriate way to a large range of incidents to mitigate the threats to the dependability and thwarts the problem.
- *Incident detection and quick containment*: DESEREC integrates various detection mechanisms to ensure fast detection of severe incidents and avoid any impact propagation.

More information on the project is available at [www.deserec.eu](http://www.deserec.eu)



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