



Project summary

A multi-disciplinary approach is compulsory to leverage their dependability by an alliance of three approaches:

Modelling and simulation

DESEREC devises and develops innovative approaches and tools to design, model, simulate, and plan critical infrastructures to dramatically improve their resilience.

Detection

DESEREC integrates various detection mechanisms to ensure fast detection of severe incidents but also to detect complex ones, based on a combination of seemingly unrelated events, or on an abnormal behaviour.

Response

DESEREC provides a framework for computer-aided counter-measures initiatives to respond in a quick and appropriate way to a large range of incidents to mitigate the threats to the dependability and rapidly thwarts the problem. CIS Re-configuration is the utmost mechanism for their survivability.

Applicable to every structured Information System, the DESEREC approach, framework, and tools improve their resilience and their ability to provide dependable services.

More information about the project is available at the official web site: <http://www.deserec.eu>



THALES

Thales Communications and Thales Services SAS



Budapest University of Technology and Economics



IEIT/CNR



EADS Defence and Security Systems SA and EADS Global Security



ENST

exaprotect

EPT



IABG mbH



Intracom Telecom



OTE



Politecnico di Torino



Wroclaw University of Technology



Security Evaluation Analysis and Research Laboratory Ltd



Soluciones Globales Internet



Trusted Logic and Trusted Labs



TNO



University of Murcia



Dependability and Security by Enhanced Reconfigurability

DESEREC 3rd Training Workshop
Murcia, Spain
16-17 October, 2008

on

**The Results and Applications
of DESEREC**

organized by
University of Murcia
DESEREC Project

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WORKSHOP TARGET AND REGISTRATION



The 3rd Training Workshop of the IST IP project DESEREC (IST-2004-026600-DESEREC) will be held in Murcia, Spain, on October 16th and 17th, 2008

Objective

The results of research will be presented by the authors in a form suitable for potential users from outside the consortium. This training material will be enhanced by results of demonstration implementations.

Venue

Faculty of Informatics
Campus of Espinardo
30100 Murcia, Spain

Campus of Espinardo is located at 5 kilometres from the centre of Murcia.

Registration and Participation

The training as well as lunch and dinner are **free of charge** for all participants, but registration is mandatory since the number of participants is limited.

Participants will only have to face their own travel and accommodation expenses.

The registration form, as well as additional information about how to reach the meeting place, is available at:

<http://deserec.inf.um.es/training>

AGENDA



Thursday, 16th October

09:00-09:30 **Registration**

Session 1: DESEREC objectives and requirements

Chair: Maurice Israel, Thales Communications

09:30-10:00 Overview and objectives of DESEREC (Thales Communications)

10:00-10:30 User requirements and example scenario (OTE)

10:30-11:00 DESEREC architecture for the dependability and security management (IABG mbH)

Coffee break

Session 2: Modelling and simulation of complex information systems

Chair: Antonio Lioy, Politecnico di Torino

11:30-12:00 Introduction to modelling and operational planning in complex information systems (Politecnico di Torino and University of Murcia)

12:00-12:30 Analysis of wide information systems (Wroclaw University of Technology)

12:30-13:00 **Panel discussion** (moderated)

Lunch

Modelling and operational planning

14:30-15:00 Business services modelling (Politecnico di Torino)

15:00-15:30 Services configurations generation (University of Murcia)

Coffee break

AGENDA



Dependability and security analysis of complex information systems

16:00-16:30 Formal verification and vulnerability modelling (IEIT/CNR)

16:30-17:00 Simulation (Wroclaw University of Technology)

17:00-17:30 SIMICS - Information systems simulation (IABG mbH)

17:30-18:00 **Panel discussion** (moderated)

20:30 - Gala dinner (in city centre)

Friday, 17th October

Session 3: Incident detection and system reconfiguration

Chair: Patrick Radja, EADS

09:00-09:30 Dependability and security metrics (BUTE)

09:30-10:00 Global decision and system views for decision support (EADS)

10:00-10:30 Deployment and reconfiguration framework to enhance dependability and security (University of Murcia)

Coffee break

10:45-11:15 Data mining with RARES tool (Thales Communication)

11:15-11:45 Integration of ExaProtect SMS and SPS in the whole DESEREC loop (EPT)

Panel Session: User experiments

11:45-12:05 OTE services (OTE)

12:05-12:25 eGov service (Thales Communication)

12:25-12:45 Land border control (EADS GS)

12:45-13:00 **Conclusions** (Thales Communication)



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