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CRITICAL Incident management training System using an Interactive Simulation environment

Fact Sheet

Project Information

CRISIS

Grant agreement ID: 242474

[Project website](#) 

Project closed

Start date

1 May 2010

End date

31 October 2013



Funded under

Specific Programme "Cooperation": Security

Total cost

€ 4 590 310,18

EU contribution

€ 3 495 612,00

Coordinated by

MIDDLESEX UNIVERSITY
HIGHER EDUCATION
CORPORATION

 United Kingdom

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Nothing gets lost: the power of biomass

Objective

CRISIS is a 42 month project to research and develop an advanced critical incident management, interactive simulation environment for training security and emergency personnel in airport operational security. The prototype to be delivered will be distributed, scalable, collaborative interactive simulation environment that will enable training of crisis managers and their staff at airports, at different levels of the organization. The prototype system will avoid the simulation paradigm where the trainee selects one of a number of pre-set drill oriented choices at a predictable decision point. Instead, using an interactive games paradigm, the trainees will be able to practice situation and cue assessment, problem diagnosis, decision making and action coordination, in real-time in response to a critical incident. Currently, one key problem hindering the maintenance of a high level of preparedness in operational security organizations at airports is the long 2-year wait between major exercises. In CRISIS, we will enable organizations and individuals to train-on-demand, and as frequently as needed due to the innovations, such as end-user re-configurability of training scenarios. This will allow staff to train individually 'playing' against the system, as a team within an organization, across organizations, and at different levels of the command hierarchy. CRISIS will adopt a 3-stage development strategy, integrating, testing and iteratively evaluating user performance at each step of the way. The CRISIS consortium brings together a powerful combination of expertise in User modeling and requirements engineering, Games and simulation, Software engineering, distributed systems, and security, Decision sciences and technology, User performance evaluation, to deliver capability for training and improving operational security preparedness at airports.

Fields of science (EuroSciVoc)

[natural sciences](#) > [computer and information sciences](#) > [software](#)

Programme(s)

[FP7-SECURITY - Specific Programme "Cooperation": Security](#)

Topic(s)

[SEC-2009-4.3-03 - Simulation, planning and training tools and methods for management of crises and complex emergencies](#)

Call for proposal

FP7-SEC-2009-1

[See other projects for this call](#)

Funding Scheme

[CP - Collaborative project \(generic\)](#)

Coordinator



MIDDLESEX UNIVERSITY HIGHER EDUCATION CORPORATION

EU contribution

€ 528 280,00

Total cost

No data

Address

THE BURROUGHS, HENDON .

NW4 4BT London

 **United Kingdom** 

Region

London > Inner London — West > Camden and City of London

Activity type

Higher or Secondary Education Establishments

Links

[Contact the organisation](#)  [Website](#) 

[Participation in EU R&I programmes](#) 

[HORIZON collaboration network](#) 

Participants (12)



XVR SIMULATION BV

Netherlands

EU contribution

€ 221 030,00

Address

WESTLANDSEWEG 40, 5E VERDIEPING
2624 AD DELFT

Activity type

Private for-profit entities (excluding Higher or Secondary Education Establishments)

Links

- [Contact the organisation](#)
- [Website](#)
- [Participation in EU R&I programmes](#)
- [HORIZON collaboration network](#)

Total cost

No data



STICHTING KONINKLIJK NEDERLANDS LUCHT - EN RUIMTEVAARTCENTRUM

Netherlands

EU contribution

€ 408 203,00

Address

ANTHONY FOKKERWEG 2
1059 CM Amsterdam

Activity type

Research Organisations

Links

- [Contact the organisation](#)
- [Website](#)
- [Participation in EU R&I programmes](#)
- [HORIZON collaboration network](#)

Total cost

No data



OBJECTSECURITY LIMITED

United Kingdom

EU contribution

€ 338 600,00

Address

**COWLEY ROAD ST JOHNS SINNOVATION CENTRE
CB4 0WS CAMBRIDGE**

Activity type

Private for-profit entities (excluding Higher or Secondary Education Establishments)

Links

[Contact the organisation](#) [Website](#)

[Participation in EU R&I programmes](#)

[HORIZON collaboration network](#)

Total cost

No data



SPACE APPLICATIONS SERVICES NV

Belgium

EU contribution

€ 300 957,99

Address

**LEUVENSESTEENWEG 325
1932 Zaventem**

Region

Vlaams Gewest > Prov. Vlaams-Brabant > Arr. Halle-Vilvoorde

Activity type

Private for-profit entities (excluding Higher or Secondary Education Establishments)

Links

[Contact the organisation](#) [Website](#)

[Participation in EU R&I programmes](#)

[HORIZON collaboration network](#)

Total cost

No data



VSL SYSTEMS AB

 Sweden

EU contribution

€ 286 400,00

Address

DATALINJEN 1

58015 LINKÖPING 

Activity type

Private for-profit entities (excluding Higher or Secondary Education Establishments)

Links

[Contact the organisation](#)  [Website](#) 

[Participation in EU R&I programmes](#) 

[HORIZON collaboration network](#) 

Total cost

No data



Linköping University

 Sweden

EU contribution

€ 332 600,00

Address

CAMPUS VALLA

581 83 Linköping 

Activity type

Higher or Secondary Education Establishments

Links

[Contact the organisation](#)  [Website](#) 

[Participation in EU R&I programmes](#) 

[HORIZON collaboration network](#) 

Total cost

No data



HASKOLI ISLANDS

 Iceland

EU contribution

€ 295 511,01

Address

SAEMUNDARGOTU 2

101 Reykjavik 

Activity type

Higher or Secondary Education Establishments

Links

[Contact the organisation](#)  [Website](#) 

[Participation in EU R&I programmes](#) 

[HORIZON collaboration network](#) 

Total cost

No data



A E SOLUTIONS (BI) LIMITED

 United Kingdom

EU contribution

€ 338 036,00

Address

STONE PIPPIN ORCHARD 9 BADSEY

WR11 7AA EVESHAM 

Region

West Midlands (England) > Herefordshire, Worcestershire and Warwickshire > Worcestershire

Activity type

Private for-profit entities (excluding Higher or Secondary Education Establishments)

Links

[Contact the organisation](#)  [Website](#) 

[Participation in EU R&I programmes](#) 

[HORIZON collaboration network](#) 

Total cost

No data



ANA - AEROPORTOS DE PORTUGAL, SA

 Portugal

EU contribution

€ 183 500,00

Address

RUA D - EDIFICIO 120, AEROPORTO DE LISBOA

1700-008 Lisboa 

Activity type

Private for-profit entities (excluding Higher or Secondary Education Establishments)

Links

[Contact the organisation](#)  [Website](#) 

[Participation in EU R&I programmes](#) 

[HORIZON collaboration network](#) 

Total cost

No data



British Transport Police Authority

 United Kingdom

EU contribution

€ 26 600,00

Address

Camden Road 25

NW1 9LN London 

Activity type

Public bodies (excluding Research Organisations and Secondary or Higher Education Establishments)

Links

[Contact the organisation](#)  [Website](#) 

[Participation in EU R&I programmes](#) 

[HORIZON collaboration network](#) 

Total cost

No data



ISAVIA OHF

 Iceland

EU contribution

€ 29 124,00

Address

REYKJAVIKURFLUGVELLI

101 REYJAVIK 

Activity type

Private for-profit entities (excluding Higher or Secondary Education Establishments)

Links

[Contact the organisation](#)  [Website](#) 

[Participation in EU R&I programmes](#) 

[HORIZON collaboration network](#) 

Total cost

No data



SHELTERLAND APS

 Denmark

EU contribution

€ 206 770,00

Address

Nannasgade 28

2200 Copenhagen N 

Activity type

Private for-profit entities (excluding Higher or Secondary Education Establishments)

Links

[Contact the organisation](#)  [Website](#) 

[Participation in EU R&I programmes](#) 

[HORIZON collaboration network](#) 

Total cost

No data

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Permalink: <https://cordis.europa.eu/project/id/242474>

European Union, 2025

