



SUPPORT

 Project funded under the SECURITY programme of FP7

• Start: June 2010

Duration: 48 months

Co-ordinator: BMT Group Ltd

19 partners from 12 countries

• 903 person months

Total budget: 14 million Euro

EU Commission contribution: 9.5 million Euro







Objective

- Address 'total' port security upgrade solutions encompassing legal, organisational, technological, training and human factors perspectives in order to facilitate:
 - 1. Secure and efficient operation of European ports in the context of sustainable transport.
 - 2. Uninterrupted flows of cargo and passengers.
 - 3. The suppression of
 - attacks on high value port facilities;
 - illegal immigration;
 - trafficking of drugs, weapons and illicit substances.







SUPPORT Delivers

- Validated generic port security management models (capturing reusable state-of-the-art and best practices) that can be customised for specific ports;
- Training and <u>open standards based tools</u> to aid security upgrade in EU ports.

 SUPPORT results are complementary to and usable by other EU projects and initiatives







SUPPORT Focus

- Direct attacks to cause loss of life or on high value units in order to blackmail/embarrass authorities and disrupt the port processes.
- Organised crime (including terrorism) involving illegal immigration, smuggling (narcotics, weapons, explosives, etc), large-scale or continuous theft and economic blackmail.
- Information tampering within the SUPPORT infrastructure.

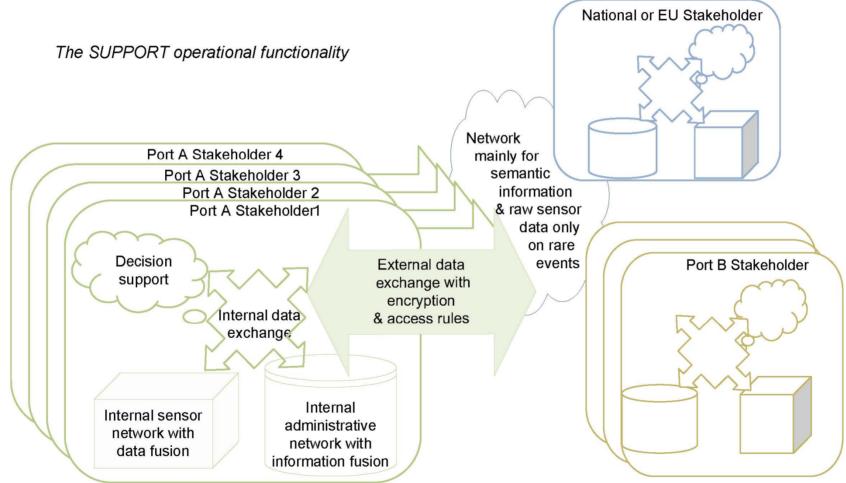






BMT Group

SUPPORT Operations





SUPPORT innovation areas

Deception Recognition in Vessel Tracking

Security Management of Containers Handling

Security Communications Infrastructure

Security sensors

Port Security
Upgrade Solutions

Port Security Decision Support Services

Semantic toolset for Interoperability and Services Management

Data Fusion tools

SUPPORT ICT Platform Training Programme & Simulation based Training Services

Port Security Knowledge Management tools

Analysis and design optimisation of port security systems

Port Security Upgrading Management & Training

Port Security Models







Project Methodology

Requirements analysis and specification

- Gap and Threat
 Scenario Analysis
- Stakeholder Requirements Analysis
- Security technology assessment and forecasting

Domain specification Port Security Models

- Classification of security threats
- SecurityManagement models
- Organizational models

Development of SUPPORT Upgrade Capabilities

- Security Upgrade Solutions
- SUPPORT Security ICT Platform
- Port Security
 Upgrading
 Management &
 Training

Deployment and evaluation of SUPPORT Solutions

- Full scale
 Demonstrators
 Goteborg and
 Piraeus
- Specific
 Improvement
 Case studies



Stakeholder feedback – improvement requirements



Security performance evaluation Cost benefit analysis







Demonstrators





- Gothenburg
- Piraeus







Results will be extensively communicated throughout the project