

An Interoperability Service Utility for Collaborative Supply Chain Planning across Multiple Domains Supported by RFID Devices

Fact Sheet

Project Information

iSURF

Funded under
FP7-ICT

Grant agreement ID: 213031


Overall budget
€ 3 129 337

Status
Closed project

EU contribution
€ 1 997 340

Start date
1 February 2008

End date
31 July 2010

Coordinated by
**MIDDLE EAST TECHNICAL
UNIVERSITY**
 Turkey

Project description

ICT in support of the networked enterprise

Today's competitive and demanding world of business requires new networked applications and services capable of interoperation across variety of business domains and organizations of all sizes. iSURF will provide an intelligent collaborative supply chain planning network that will: 1. Realize a knowledge-oriented inter-enterprise collaboration environment in which distributed intelligence of multiple trading partners will be exploited in the planning and fulfillment of customer demand in the supply chain.

2. Develop a Semantic Interoperability Service Utility for achieving the semantic reconciliation of the planning and forecasting business documents exchanged

reconciliation of the planning and forecasting business documents exchanged between the companies according to different standards.

3. Provide an open source smart product infrastructure for SMEs in order to enhance their capabilities of gathering product information through RFID devices, filtering and aggregating the collected data and putting them into a business context.

4. Enable the definition and execution of inter-enterprise collaboration across wide variety of business domains through the Service Oriented Collaborative Supply Chain Planning Process Definition and Execution Platform.

5. Wrap the existing legacy applications with semantically enriched web services to solve the technical interoperability problem during interaction with the underlying legacy business processes.

6. Facilitate establishing transitory supply chain planning collaborations in case of exceptions. Dynamic visibility information will enable the European SMEs to be more agile, sustainable and responsive to the changes in the supply chain dynamics.

7. Provide a Global Data Synchronization Service Utility in order to ensure the

accuracy and reliability of master data used in the supply chain by developing standards based open platform for SMEs.

8. Ensure the security and privacy of the real time visibility data gathered through RFID devices, the planning and forecasting messages exchanged across enterprise

Field of science

/social sciences/economics and business

/social sciences/sociology/governance/public services

Programme(s)

Topic(s)

Call for proposal

FP7-ICT-2007-1

Funding Scheme


CP - Collaborative project (generic)

Coordinator





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[Website](#) 

Administrative Contact

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Activity type

**Higher or Secondary
Education Establishments**

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EU contribution

€ 61 600

Participants (6)



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EU contribution

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