

**NEXOF-RA: "A coherent and consistent open service framework leveraging research in the area of service-based systems to consolidate and trigger innovation in service-oriented economies"**

**NEXOF**  
reference architecture

Programme : 7FP- IST-IP

Total Budget : € 6,500,000.00

Duration: From 03/2008 to 02/2009

Coordinator: Engineering Ingegneria Informatica (Italy)

Partners:

Alcatel-Lucent 

Atos Origin 

BT 

ENGINEERING INGEGNERIA INFORMATICA 

LABS+ 

IBM 

Logica 

MOMA software e ricerca 

Telefónica   
Telefónica Investigación y Desarrollo

SIEMENS 

THALES 

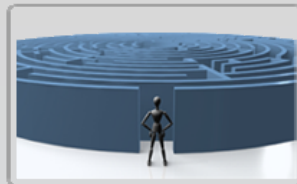
TIE 

TIS   
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UNIVERSITÄT DUISBURG ESSEN 

TDW   
TELECOM DIGITAL WORKS

UNIVERSITÄT CANTON BASEL 



### NEXOF-RA: Reference Architecture for NEXOF

#### General Description

NEXOF-RA project is the first step in the process of building NEXOF (NESSI Open Framework) the generic open platform for creating and delivering applications enabling the creation of service based ecosystems where service providers and third parties easy collaborate.

NEXOF-RA (Reference Architecture) was officially launched in Brussels last 1<sup>st</sup> of March of 2008 and it is included in the Seven Framework Programme with a total budget of 6,5 million of euro. The consortium is composed of sixteen partners from eight countries (Spain, Italy, Germany, UK, Ireland, Israel, The Netherlands and France). Furthermore, the duration of the project will be from March 2008 to February 2009.

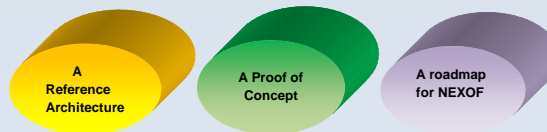
#### Project Goal

The overall goal of NEXOF-RA is independence such that NEXOF can be implemented into a broad range of application domains supporting any business size by all user communities using different technologies. NEXOF-RA will deliver a coherent set of technologies globally applicable intended to provide Europe with digital service to improve flexibility, interoperability and quality. In addition, NEXOF-RA will try to establish strategies and policies to speed up the dynamics of the services eco-system as well as to foster safety, security and well being of citizens by means of new societal applications.

#### Expected Results

NEXOF-RA main results will be the Reference Architecture for NEXOF, a proof of concept to validate this architecture and a roadmap for the adoption of NEXOF as a whole.

- The NEXOF Reference Architecture. Following an Open Architecture Specification Process which will allow contributions from many sources also outside NEXOF-RA, focusing on the "NESSI Framework" as defined in the NESSI Holistic Model.
- A Proof-of-Concept. This will be a set of software artifacts the project team will use to validate the key architectural choices made.
- The NEXOF Roadmap. This will define the roadmap for the implementation and adoption of the whole of NEXOF.



To build the specifications for the Open Framework Architecture, an open process has been defined to allow the involvement of all relevant initiatives and organizations concerned on building a Reference Architecture for the "Future of Internet".

Further information [www.nexof-ra.eu](http://www.nexof-ra.eu)

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