

Project Information



COmverged MultimEdia communication Suite over IMS



COMESI

Project ID: CP003

Start Date: 1 July 2009

Closure date: 31 July 2011

Partners:

Acision, Netherlands

Comverse, Israel

France Telecom, France

Italtel, Italy

Movial, Finland

Pace France, France

Software Quality Systems, Spain

Telefónica I+D, Spain

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Project Website

www.celtic-initiative.org/projects/comesi

The COMESI project aims to study new ways of communicating while simplifying significantly the user experience. The project will develop innovative service prototypes based on a multimedia approach and making use of the IMS convergence capabilities. They will highlight a real continuity of service using multiple devices with different medias and the ability to share content into social networks as well as to access to them in a remotely.

Main focus

To allow the future users of richer and more complex communication services to maintain control of their interactive universes, the COMESI project will specify and demonstrate an end-to end solution, involving multiple devices, multiple media types, IMS CORE network, OMA enablers and new enablers developed for this project. This integrated telecommunication system will be necessary to develop services such as content sharing in mobility and in a user fixed environment

Presence, Converged Messaging, Converged Address book, Content to store or share are other keywords providing a framework to the use cases we will select as targeted prototypes.

A marketing view of the COMESI services will also be performed to ensure they meet customer needs on one hand and telecom business opportunities on the other hand.

In a nutshell, this Celtic project will:

- Identify a set of innovative services taking advantage of IMS convergence capabilities

- leverage current CPM and CAB initial specifications (OMA workgroups),

- extend them according to partner needs and customer needs,

- implement them in an integrated framework within a pan European Lab involving several operators and suppliers.

- contribute to the enhancement of standards regarding OMA CPM/CAB workgroups and the RCS initiative.

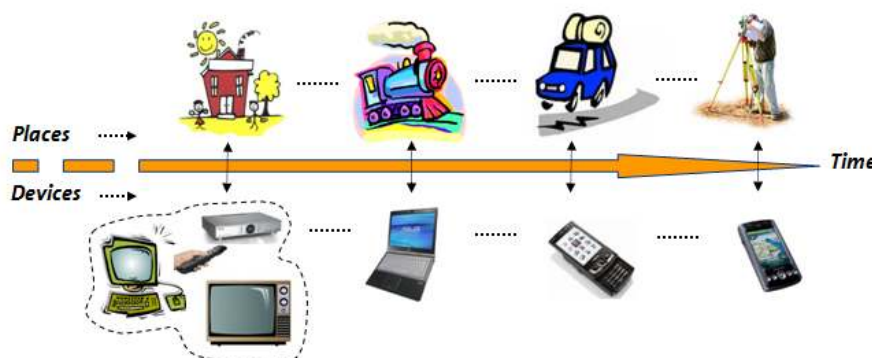
Approach

The COMESI work plan has been designed to clearly divide the project deliverables into work packages which include the requirements and disciplines in order to get the right focus on the issues which need to be solved.

These work packages include terminal aspects and networking aspects which are the main corner stones of the project.

The integration activities are concentrated into one work package closely interacting with the user services design and the associated business model which are part of a separate work package.

Several development iterations will allow partial integration early on in the project to identify any further needs. COMESI will



provide enough flexibility through iterations to adapt the technical objectives and to deal with the technical and integration challenges.

COMESI will adopt this **Waterfall** method as a way of work that will allow the project to have a technical base early on in the project and to prepare further innovative services taking into account the technical experience and first services developments issues.

Main results

The COMESI project will deliver a set of service prototypes illustrating various Use Cases on an innovative and consistent communication environment.

When delivered, the prototypes will be tested with user panels internal to a couple of partners companies during 2 to 4 weeks.

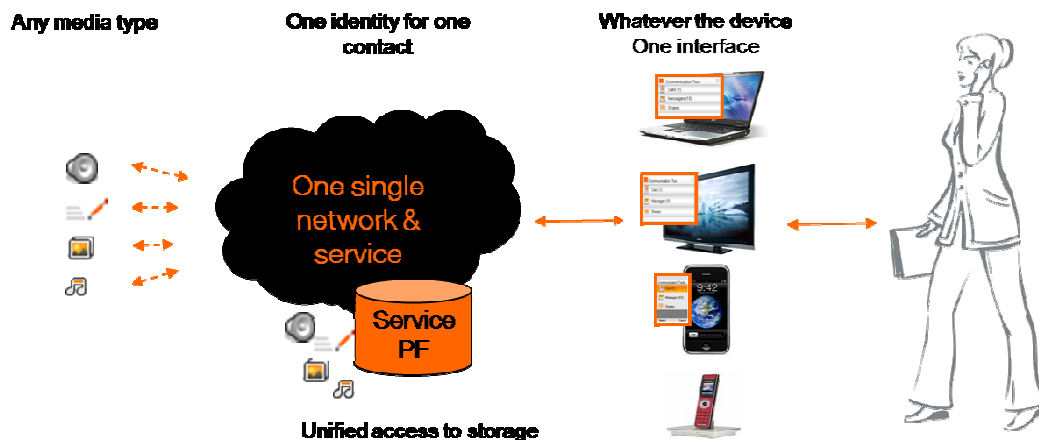
Those friendly users will be selected with identified criteria corresponding and the results will then be analysed and disseminated.

This trial and its results is a deliverable which is as important as the

development of the service prototypes.

In addition, the COMESI project's prototypes will be compliant with

From a telecommunication operator point of view, the business advantage of such integrated services is to provide a single solution



the specification work in progress at the Open Mobile Alliance within the Converged IP Messaging and Converged Address Book workgroups. These service specifications will be suggested as new inputs for any future standardization releases. They will also be presented to the Rich Communication Suite initiative. Therefore, all the industry members who are involved in these initiatives will benefit from the COMESI project results.

Impact

Communication services are increasing from a functional point of view while becoming more complex which could slow down their adoption by the general public.

meeting many customer needs which will attract new customers, creating new subscriptions and an increased use of services.

COMESI services will also improve the user experience through the interoperability between operators. For example, the IM (instant messaging) services did not succeed as well and as fast as the SMS services because the IM service providers were not interoperable.

Eventually, most of these innovative IMS services will require specific software running on the mobile device. Having a common set of IMS requirements should provide benefits for all mobile industry players:

- ◆ Eliminating fragmentation will reduce cost for device and client SW manufacturers, network equipment providers and (mobile) operators
- ◆ Having common IMS functionality across (mobile terminals) clients will increase the number of (handsets) equipments/devices (handset, PC, tablet, set top box etc.) which operators and third parties can develop for and offer new IMS services consistently.
- ◆ Particular interest will be focused on TV centric uses cases where the TV will not be considered as a simple way to display the content but as a real means of communicating with their social network via the Set Top Box.

About Celtic

Celtic is a European research and development programme, designed to strengthen Europe's competitiveness in telecommunications through short and medium term collaborative R&D projects. Celtic is currently the only European R&D programme fully dedicated to end-to-end telecommunication solutions.

Timeframe: 8 years, from 2004 to 2011

Clusterbudget: in the range of 1 billion euro, shared between governments and private participants

Participants: small, medium and large companies from telecommunications industry, universities, research institutes, and local authorities from all 35 Eureka countries.

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