

FP7-2011-NMP-ICT-FoF INFO DAY

OBJECTIVE 7.3

Brussels, 8 October 2010



Rationale

- Title : Federated interoperability approach for collaboration among alienated networks with enhanced user-experience
- Research domain : ICT-FoF 7.3
- Description : Today, value chain collaborations are quite specialized in order to cover their needs, while regional discrimination in standards (such as UBL 2.0 Nordic, TR1.0 subsets) add another level of difficulty for cross-industry collaboration too. This gap is alienating such networks so that they cannot be automated by interoperability solutions and services provided by existing approaches, therefore a so-called federated interoperability approach is a necessity. In order to enhance outcome, the federated approach will also include collaboration with social networks, so that the solution becomes user-centric.
- The most beneficiary industries of this research will be the cross industries like textiles for automotive, healthcare





LOGO Group, TR

- LOGO Business Solutions
 - Nr1 Independent ERP Vendor in Turkey
 - 180.000 unique localized installations in 15 countries
 - More than 1.000.000 users
 - 400 Solution partners
 - End to end Supply Chain Execution solutions in Distribution, Service, Machinery and Textile industries
 - Lean management and agile development processes
- eLogo
 - Interoperability solutions and services for SME's
 - B2B, B2I (Banks), B2G services
 - Social network platform provider for SME businesses (Diyalogo.com : 60.000 active profiles, 30.000 SME's, 7.500 Websites)
 - Integration with global trade platforms (i.e. Alibaba.com)
 - Opinion leader and heavy performer in R&D projects since FP5.
- LOGO Group provides a gateway to SME's



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Objectives and scope

- Objective : To build a semantic adaptation layer which allows to share semi-processed data among alienated networks in a pervasive environment for enlarging the boundaries of Virtual Factories of Future, to add another dimension to life cycle management by including the social-network experience
- Scope :
 - Identify the minimum sharable semi-processed data, define the ontology in order to align existing web services for industry specific collaboration
 - Define a set of distributed intelligent agents complementing each other and building a collective decision making and support
 - Provide working models and business use cases in industry, where SME presence is at most
 - Define a set of services integrating with social networks and marketplaces for “taming” SME’s by offering “enhancing their network, locating new buyers and suppliers”



Expected impact

- Economic impacts : Although interoperability researches, studies and applications were based on SME's involvement, upto now, no critical mass is obtained, unless SME's were forced by their ecosystem. The federated approach enhanced with "matchmaking" services will allow SME's to increase their revenues while utilizing their existing infrastructure, and therefore increase their willingness to join the club.
- Social impacts : Companies, especially SME's were driven by people and networks are built by people themselves. Acknowledging their social presence rather than trying to fully automate the systems, will eventually increase impact of collaboration

