Identity Based Tracking and Web-Services for SMEs

From 2006-06-01 to 2009-05-31 | TraSer Website

Objective

The TraSer project will develop, test, and document innovative ICT-enabled web-services and logistics solutions for changing environments, such as supply chains, service operations and project delivery networks. This will be done by linking the electronic identity of products and product representations to identity specific tracking and related web services. The research and development effort will result in a TraSer open source community. It will provide information on standards and recommended design patterns, that when followed, make individually developed SME applications interchangeable and possible to use temporarily or in parallel without efficiency loss in the operations of logistics service providers and other companies handling products and product data. 

The project work will be conducted in close co-operation with communities of potential SME users and aims at proposing, testing and refining SME friendly business scenarios for services such as: material flow transparency, quality control, and product data management in changing and temporary networks. The issue of deploying SME specific applications in a changing network of participants will be addressed through piloting. In the two pilots, solutions for linking RFID-readers and product data repositories to SME specific monitoring and control applications will be developed and tested. 

The scientific objective is to develop through iterative action innovation an understanding of how network partners could be motivated to participate in supporting network level information services deployed by SMEs, and what are the commercial best practices and technological solutions that facilitate such network level services. The technological objective is to understand how to integrate innovative TraSer-type product centric solutions with existing transaction processing solutions, and how an open source application development platform can be effectively utilized by individual SMEs to develop network level services.

Related information
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Subjects

Information Processing and Information Systems - Telecommunications

Last updated on 2014-10-07
Retrieved on 2016-01-15

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