**DOC@HAND**

**Project ID:** 508015  
**Funded under:** FP6-IST

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**Knowledge sharing and decision support for healthcare professionals**

**From** 2004-01-01 to 2006-12-31

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**Project details**

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<th>Total cost:</th>
<th>Topic(s):</th>
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<td>EUR 4 135 192</td>
<td>IST-2002-2.3.1.11 - eHealth</td>
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<th>EU contribution:</th>
<th>Funding scheme:</th>
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<tr>
<td>EUR 2 299 850</td>
<td>STREP - Specific Targeted Research Project</td>
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**Coordinated in:** Italy

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**Objective**

In a scenario where the Healthcare industry tends to rapid decentralization, with multiple actors involved in the care delivery processes, the importance for professionals to collaborate, access and share data and knowledge becomes more and more stringent.

The aim Doc@Hand is to support Healthcare professionals in this changing environment, by providing a set of IT tools that help reducing the time and associated costs to collect the information and knowledge required, and more crucially, in making the best use of it for a more informed decision making (diagnoses, therapies, protocols).

Doc@Hand intends thus to develop, test and validate an application that:- allows transparent access to heterogeneous and geographically dispersed databases owned by separate, but cooperating organizations;- proactively search -primarily using push technologies as opposed to traditional “pull” approach for relevant information without the need for the user to perform an explicit query, based on domain ontology as well as static and dynamic information about the user profile and current activities;- provides the user with representation tools and intuitive interfaces to easily filter and navigate through the information;- integrates existing decision support systems, and is also able to extract knowledge from unstructured and semi-structured documents;- incorporates all the above in a cooperative environment that allows virtual communities to be created for exchanging opinions around patients or scientific issues.

The integrated environment developed will be accessible from portable platforms such as tablet PCs to support the increasing mobility of Healthcare professionals, and will be validated by major clinical institutions for full adherence to standards and regulations for security and sensitive data handling.
Coordinator

TXT E-SOLUTIONS SPA
Via Frigia 27
MILANO
Italy
See on map

Administrative contact: CONCONI, ALEX

Participants

ACCENTURE INSURANCE SERVICES & SYSTEMS SPA
VIALE MONZA 259
20126 MILANO
Italy
See on map

ANKO ANONYMOS ETAIREIA
ODOS LEOFOROS SYGGROU 44
117 42 ATHINA
Greece

BMT LIMITED
ORLANDO HOUSE WALDEGRAVE ROAD 1
TW11 8LZ TEDDINGTON - MIDDLESEX
United Kingdom

GUY' S AND ST. THOMAS' HOSPITAL NATIONAL HEALTH SERVICE TRUST
GUY' S HOSPITAL, ST. THOMAS STREET
SE1 9RT LONDON
United Kingdom
See on map

HOSPITAL CLINIC I PROVINCIAL DE BARCELONA
CALLE VILLARROEL 170
08036 BARCELONA
Spain
See on map

SSM COMPUTER SYSTEMS LIMITED
KYRENIAS 101, OFFICE A12
2113 AGLANDZIA, NICOSIA
Cyprus
Subjects

Information Processing and Information Systems - Life Sciences - Medicine and Health - Scientific Research

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