

The logo for epSOS features a stylized infinity symbol at the top, composed of two interlocking loops. The left loop is blue and the right loop is red. Below this symbol, the letters "epSOS" are written in a bold, sans-serif font. The "e" and "p" are blue, while the "SOS" are red.

**EUROPEAN PATIENTS
SMART OPEN SERVICES**





The European project epSOS – goals and use cases

Workshop Connectathon Vienna, 22nd April 2009

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Federal Ministry of Health/Austria



**BUNDESMINISTERIUM
FÜR GESUNDHEIT**



Goals & Challenges



- Goal for the epSOS eHealth Project:
 - *“to develop a practical eHealth framework and ICT infrastructure that will enable secure access to patient health information, particularly with respect to a basic patient summary and ePrescription, between European healthcare systems”*
- Challenges to get there:
 - Legal Interoperability
 - Organisational Interoperability
 - Semantic Interoperability
 - Technical Interoperability



The Pilot Team



The Project Team consists of 27 beneficiaries from 12 member states:
AT, CZ, DE, DK, EL, ES, FR, IT, NL, SK, SE and the UK

- 9 National Ministries of Health, 18 National/regional Competence Centers; **ANDA, ATNA, CATA, CLM, DENA, DKNA, ELGA, EMPIRICA, FRNA, GEMATIK, GIPDMP, FRNA, IHE, IZIP, LOMBARDY, MEDCOM, NHIC, NHS, NICTIZ, NLNA, SALAR, SENA, THESS, CNRS, FRAUNHOFER, PHARMAXIS, ZI**
- Competence Centers including/working with local organizations with thousands of Contributors
- IHE-Europe representing ICT industry team
- Empirica responsible for administrative management





- Federal Ministry of Health
non-funded Beneficiary, 27 PM
Lead WP 1.3 Dissemination
- ARGE ELGA
in cooperation with SVC – Social Insurance/e-card
and regional ARGE ELGA partners;

Competence centre, funded beneficiary
140 PM across the whole project
Lead WP 3.6 Identity Management





- Introduction of interoperable national EHR-System according to international developments and standards
- Early political decision on technical framework
 - HL7 Clinical Document Architecture, Release 2
 - IHE Technical Framework
 - LOINC (laboratories)
 - HL7, Version 3, Reference Information Model
 - DICOM 3.0 und WADO
- Target:
 - Protection of (future) investments
 - Interoperability





- Contribute to European developments and bring in expertise
- Participate in a LSP
- Connect Austrian institutions and projects to European developments
- Synchronise the national ELGA project with European activities





Need for definitions and agreed assumptions!
(epSOS WP 1.1; NICTIZ)

- Patient summary
 - occasional visitor
 - routine case
- ePrescription
 - medication already prescribed in home country
 - prescription needed in foreign country





Liaison between epSOS & STORK WP 7.3

- Develop common rules and specifications to assist mutual recognition of eIDs across national borders;
- Test, in real life environments, secure and easy-to-use eID solutions for citizens and businesses
- Interact with other EU initiatives to maximize the usefulness of eID services

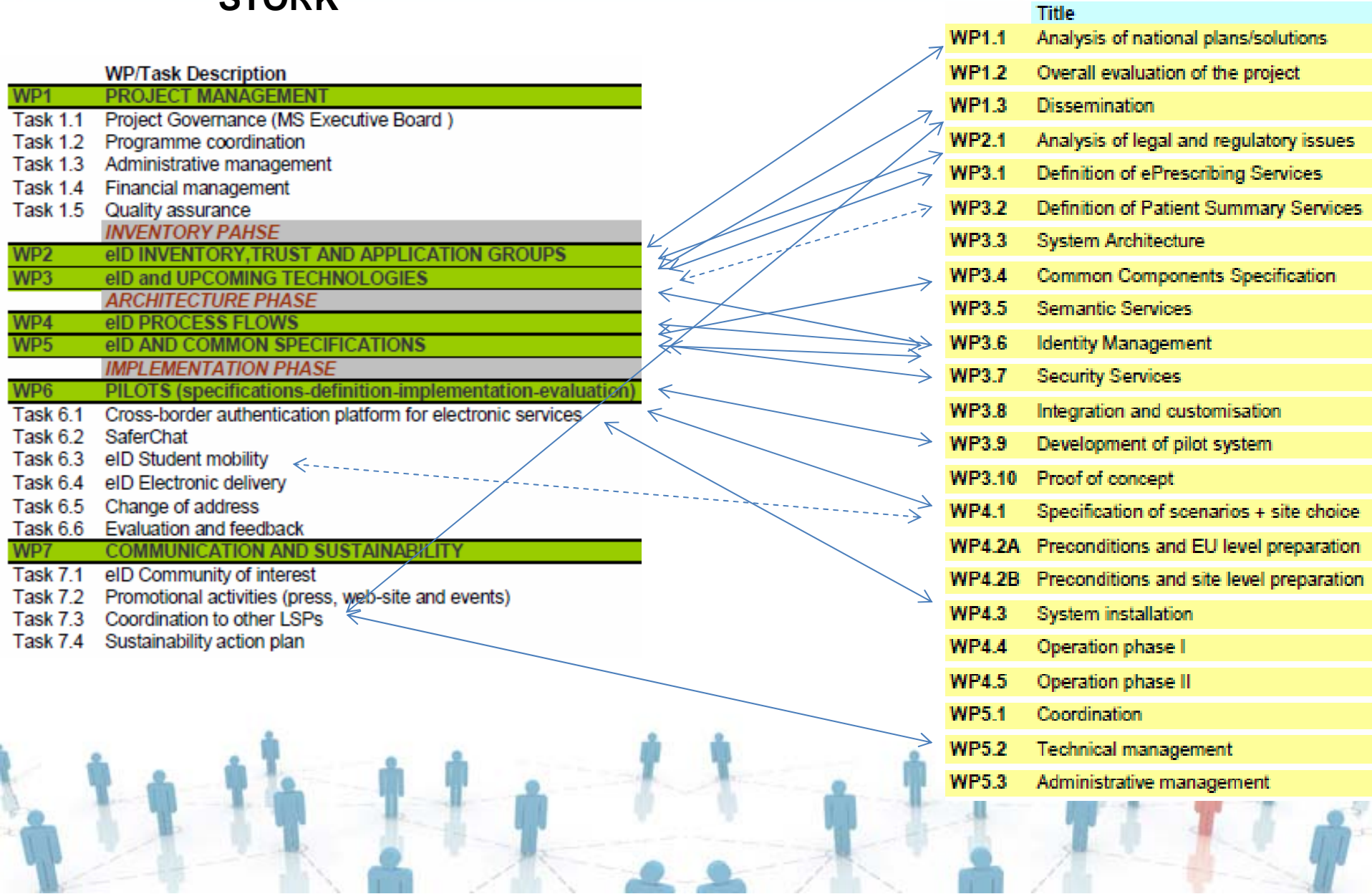
Secure Identity Across Borders Linked



<http://www.eid-stork.eu/>



STORK



STORK

WP/Task Description	
WP1	PROJECT MANAGEMENT
Task 1.1	Project Governance (MS Executive Board)
Task 1.2	Programme coordination
Task 1.3	Administrative management
Task 1.4	Financial management
Task 1.5	Quality assurance
INVENTORY PHASE	
WP2	eID INVENTORY, TRUST AND APPLICATION GROUPS
WP3	eID and UPCOMING TECHNOLOGIES
ARCHITECTURE PHASE	
WP4	eID PROCESS FLOWS
WP5	eID AND COMMON SPECIFICATIONS
IMPLEMENTATION PHASE	
WP6	PILOTS (specifications-definition-implementation-evaluation)
Task 6.1	Cross-border authentication platform for electronic services
Task 6.2	SaferChat
Task 6.3	eID Student mobility
Task 6.4	eID Electronic delivery
Task 6.5	Change of address
Task 6.6	Evaluation and feedback
WP7	COMMUNICATION AND SUSTAINABILITY
Task 7.1	eID Community of interest
Task 7.2	Promotional activities (press, web-site and events)
Task 7.3	Coordination to other LSPs
Task 7.4	Sustainability action plan



Task 7.3 - STEPS

WP 5.2 Technical Project Management WP 1.3 – Dissemination or

Title	
WP1.1	Analysis of national plans/solutions
WP1.2	Overall evaluation of the project
WP1.3	Dissemination
WP2.1	Analysis of legal and regulatory issues
WP3.1	Definition of ePrescribing Services
WP3.2	Definition of Patient Summary Services
WP3.3	System Architecture
WP3.4	Common Components Specification
WP3.5	Semantic Services
WP3.6	Identity Management
WP3.7	Security Services
WP3.8	Integration and customisation
WP3.9	Development of pilot system
WP3.10	Proof of concept
WP4.1	Specification of scenarios + site choice
WP4.2A	Preconditions and EU level preparation
WP4.2B	Preconditions and site level preparation
WP4.3	System installation
WP4.4	Operation phase I
WP4.5	Operation phase II
WP5.1	Coordination
WP5.2	Technical management
WP5.3	Administrative management





Projects	Acronym	Website URL
epSOS 	european patients S mart O pen S ervices	www.epsos.eu
Stork 	S ecure identity across borders linked	www.eid-stork.eu/
Netc@rds 		http://netcards-project.com/web/frontpage
HPRO Card 	European H ealth P rofessional C ards	www.hprocard.eu
IMI* 	Internal M arket Information system	http://ec.europa.eu/internal_market/imi-net/index_en.html
TAS3 	Trusted A rchitecture for S ecurely Shared S ervices	www.tas3.eu/
Calliope 	C ALL for Inter O perability in E urope	www.calliope-network.eu/
Mandate 403 	eHealth interop	www.ehealth-interop.nen.nl/



- epSOS
- STORK/ WP 7.3
- PEPPOL
- LSP Telemedicine

- CALLIOPE Thematic Network
- Eurorec Thematic Network





- epSOS WP 1.3 <-> CALLIOPE WG 2
- Communication with a broader audience in both directions
- Infrastructure for dissemination activities
- Qualified feedback
- Input from Calliope's defined areas of work (Roadmap, EU-recommendations, Standards)



Welcome to CALLIOPE
A European Thematic Network for eHealth Interoperability

<http://www.calliope-network.eu/>





Thank you for your attention!
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