CLIPS

Cloud approach for Innovation in Public Services

The project and its objectives
A general Introduction

12, 13 March 2014, Bruxelles
CloudWATCH – Software and Services, Cloud Concertation Meeting
CLIPS: General introduction

Consortium Composition

1. Engineering Ingegneria Informatica (Large Enterprise, IT)
2. DunavNet (SME, RS)
3. Informatika (Public Administration, RS)
4. City of Novi Sad (Public Administration, RS)
5. Sparta Technologies Ltd (SME, UK)
6. Stockport Council (Public Administration, UK)
7. TST y Sistemas S.A. (SME, ES)
8. Ayuntamiento de Santander (Public Administration, ES)
9. Betrieb für Informationstechnologie Bremerhaven (SME, DE)
10. Politecnico di Torino (Research Entity, IT)
11. Città di Lecce (Public Administration, IT)
12. PNO Consultant Limited (SME, UK)
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Our Figures
General Objectives

• The CLIPS general objective is to set up and to deploy a platform on which to run the virtual environment, where to build the cloud solutions addressing the particular cases during the piloting phase of the project.

• other administrations could benefit the results of the identified solution, looking at the cross domains, cross processes and cross borders approach.

• The final solution will be distributed through the specially created cloud platform dedicated to public administrations
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Leading Theme
CLIPS intends to propose a technological solution which relies on two main concepts:

- Only service business logic resides in the clouds

- Confidential data remains on P.A. Site
Access to confidential data will be granted through ad hoc software components, in CLIPS called Micro-Proxies, based on STORK.

Use of Micro-Proxies allow data to be held by the responsible Public Administration and to be available only after a strong authentication process.
Public services **deployed in CLIPS Platform will composed through mash-up** approach using a Virtual Mash-Up Editor.

Service composition (mash-up) will be **enabled through the use of Micro-Services:**

- are usually intended as small, well-defined procedures/functions that perform a certain specific elementary task.
- they are certified components already deployed into the cloud.
Components – Innovative Services

- All the **new developed public services and components** will reside in the cloud, and will be accessible through a repository, **to allow reuse from other** public administration and SMEs.

- Newly created services need **to pass a suitable accreditation process** in order to assure the right degree of compliance with policies and guidelines of the different Public Administration; before publishing the new created e-services, an assessment in terms of service code inspection will be performed by gov.t personnel responsible of e-government services management.
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Components in action (1/2)
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Components in action (2/2)
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Service Ecosystem
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The implementation

WP1 - Coordination and management

- WP3 - Pilot requirements and CLIPS methodology definition
- WP5 - CLIPS platform integration, deployment and set-up
- WP6 - Pilot running, monitoring and evaluation
- WP7 - Business case and sustainability plan

WP2 - Dissemination, communication and involvement of stakeholders

WP4 - Trust and security
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Pilot Sites

- Stockport
- Bremerhaven
- Santander
- Novi Sad
- Lecce
Thank you for your time.

Speaker

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