



Trusted Architecture for Securely Shared Services

*Generic Architecture
for Securely Managing
Employability & Healthcare
Personal Information Services*

Danny.DeCock@esat.kuleuven.be

Web: <http://tas3.eu>

Email: tas3@ls.kuleuven.be

TAS³ is an IST FP7 funded Integrated Project

TAS³ contract number 216287

Duration: 1 Jan 2008 - 31 Dec 2011

Research budget: 13.200.000 €

EC Funding: 9.400.000 €



TAS³ Project Motivation

- TAS³ **consolidates** scattered research in
 - Security, Trust, Privacy, Digital identities, Authorization, Authentication...

- TAS³ **integrates** adaptive business-driven end2end Trust Services based on personal information:
 - Semantic integration of Security, Trust, Privacy components

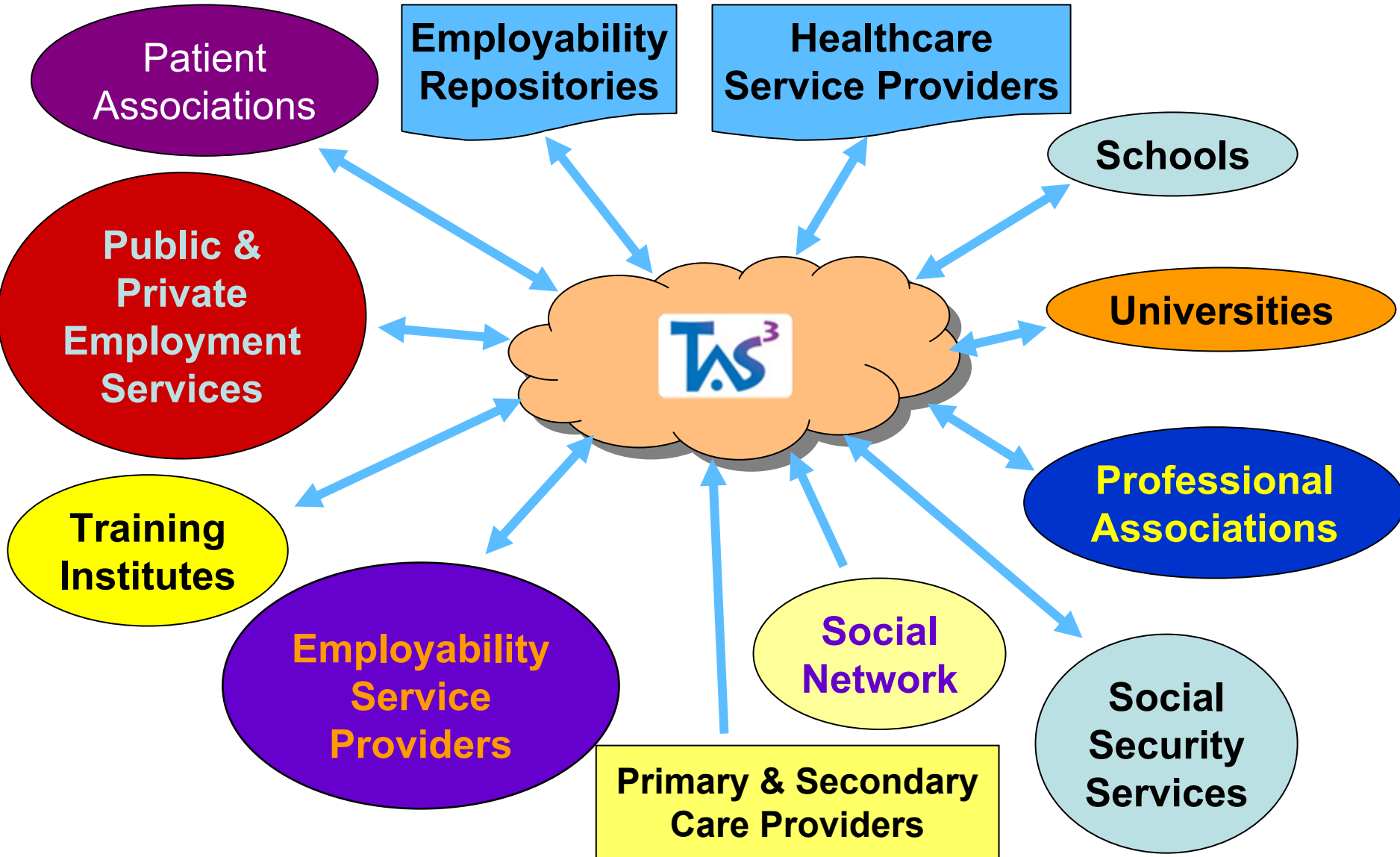
- TAS³ **provides** dynamic view on application-level end2end exchange of personal data:
 - Distributed data repositories

TAS³ Consortium

- **Coordinators:**
 - K.U.Leuven & Synergetics
- **9 Research Institutes:**
 - Universities of Eindhoven, Karlsruhe, Kent, Koblenz-Landau, Leuven, Nottingham, Brussel, Zaragoza
 - Consiglio Nazionale delle Ricerche
- **9 Companies & Organizations:**
 - Custodix, Eifel ASBL, Intalio Ltd, Kenteq, Medisoft, Oracle, Risaris Ltd, SAP Research, Synergetics

Objective – User-centric SOA

Employability & Healthcare Use Cases



Business Process



Frontend Service

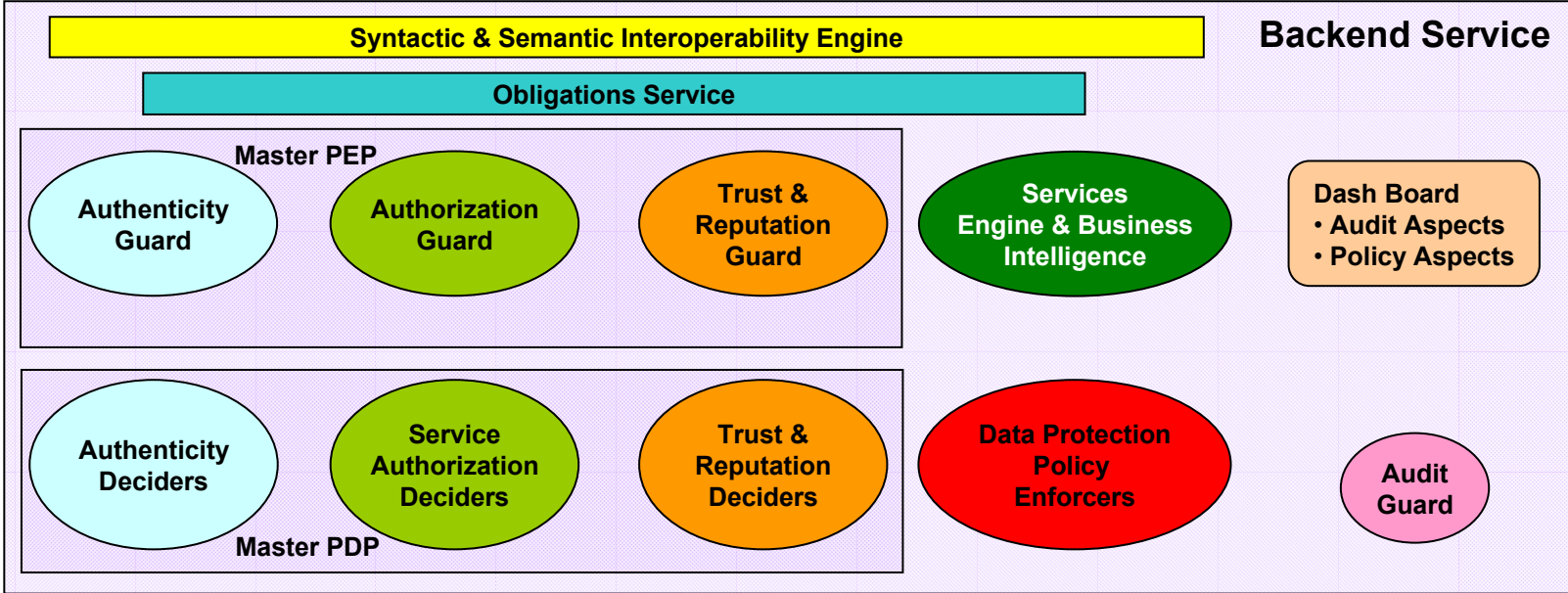
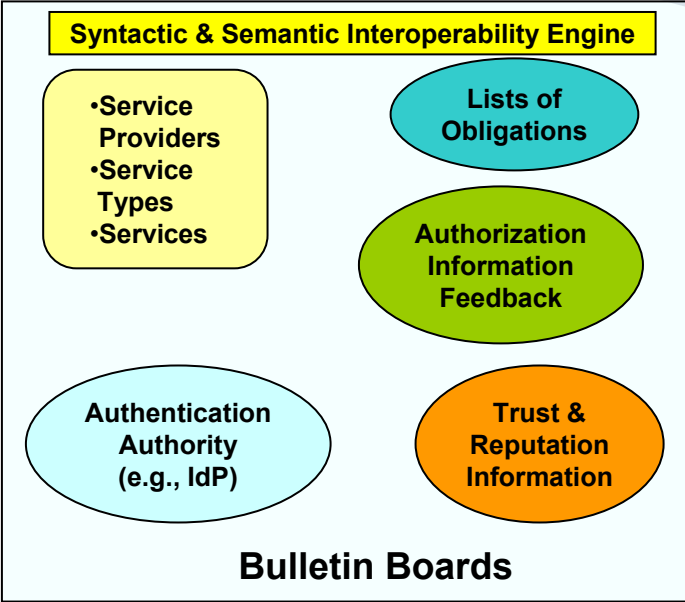
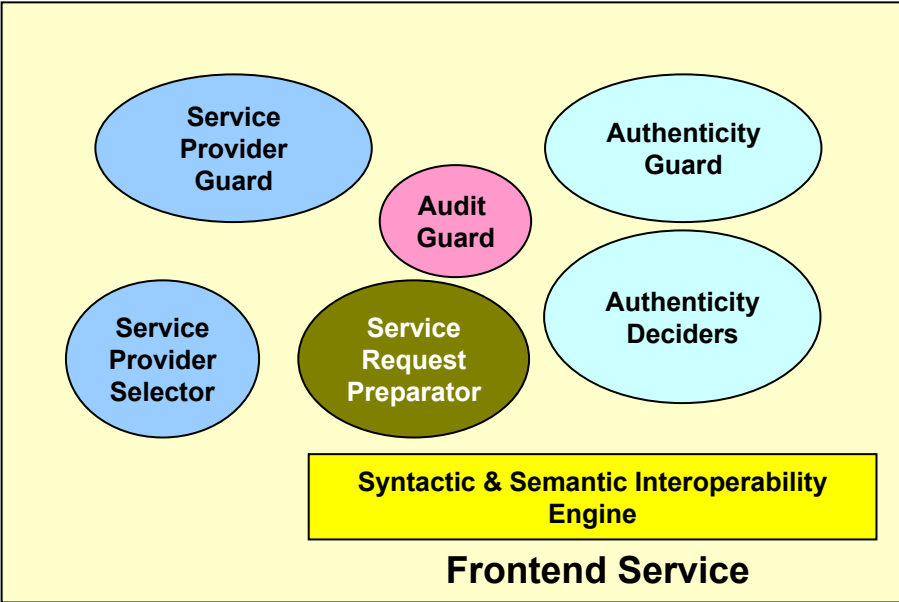
Bulletin Boards

Backend Service

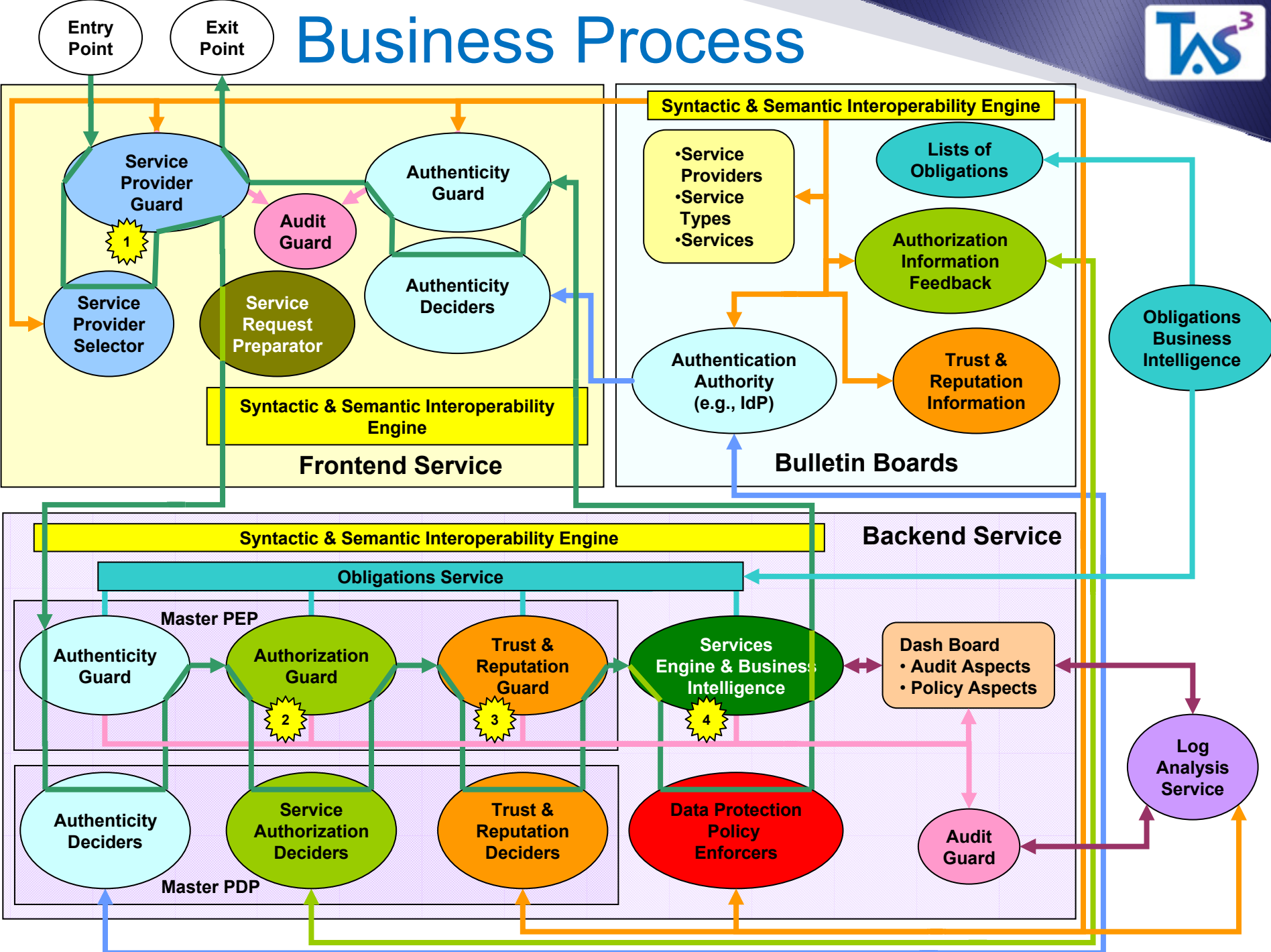
Entry Point

Exit Point

Business Process



Business Process



TAS³ – Innovation & Impact

- Open and interoperable *4-layered* service oriented architecture enforcing
 - authentication, authorization, trustworthiness, data protection policies and regulation
 - *semantically interoperable & trust-driven* adaptable business processes
 - instantiated in employability and healthcare contexts
- *User-centric* management of personal information
 - *optimize* information processing with *sticky policies* and *fine-grained policy tags*

TAS³ – Contact Information

- Myself: Danny.DeCock@esat.kuleuven.be
- Web: <http://tas3.eu>
- Email: tas3@ls.kuleuven.be