



# Liberty Alliance Introduction

## **RSA Conference Workshop**

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Management Business, HP Software**

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# What is the Liberty Alliance?

*The Liberty Alliance is the only global body working to define and drive open technology standards, privacy and business guidelines for digital identity management*

# Liberty Alliance (the organization)

- Mission:
  - Foster a ubiquitous, interoperable, *privacy-respecting* identity layer
- Deliverables:
  - Technology specs and guidelines (currently around **identity services**), business and privacy guidelines, coordination of interop testing, adoption activities...
- Key goals:
  - Work with *all* network devices
  - Deal with transactions where humans *are/aren't* present
  - Enable anonymity, security, and informed user consent

# Our Global Membership

- ~ 150 diverse member companies and organizations representing leaders in IT, mobility, government, service provision, system integration and finance
- Management Board and Sponsor members include:



# 2007 Key Organizational Goals

- **Accelerate Market Development & Adoption**
  - Identify and overcome market barriers
  - Continue to gather market requirements and evolve solutions
  
- **Increase Transparency**
  - Open up more member activities to the public
  - Educate the market on all relevant IdM developments
  
- **Expand Outreach Program**
  - Work effectively with new IdM initiatives & existing SDO's
  - Work openly and collaboratively with all willing parties

# Liberty's Architecture

## Liberty Federation Framework (ID-FF and SAML 2.0)

Enables identity federation and management through features such as identity/account linkage, simplified sign on, and simple session management

## Liberty Identity Services Interface Specifications (ID-SIS)

Enables interoperable identity services such as personal identity profile service, contact book service, geo-location service, presence service and so on.

## Liberty Web Services Framework (ID-WSF)

Provides the framework for building interoperable identity services, permission based attribute sharing, identity service description and discovery, and the associated security profiles

Liberty specifications build on existing standards  
(SAML, SOAP, WS-Addressing, WS-Security, XML, etc.)

# Liberty Interoperable™ Program

An Ecosystem of  
Interoperable Products &  
Services

- Liberty Interoperable™ certification is key differentiator for advancing federation deployments
- Designed to validate core Liberty Alliance functionality
- Over **80 product tests** since Liberty launched program in 2003
- Testing for Liberty Federation (including SAML 2.0) and Liberty Web Services



# The openLiberty

- A global Liberty Alliance Open Source Initiative
- Support for open source developers building identity-based applications
- Addressing key industry requirements for increased security and privacy
- Easier and faster application development
- Interoperability with Liberty-based deployments worldwide



*“ID-WSF is currently the only realistic framework for securing Web services...” -- Scott Cantor, Internet2*



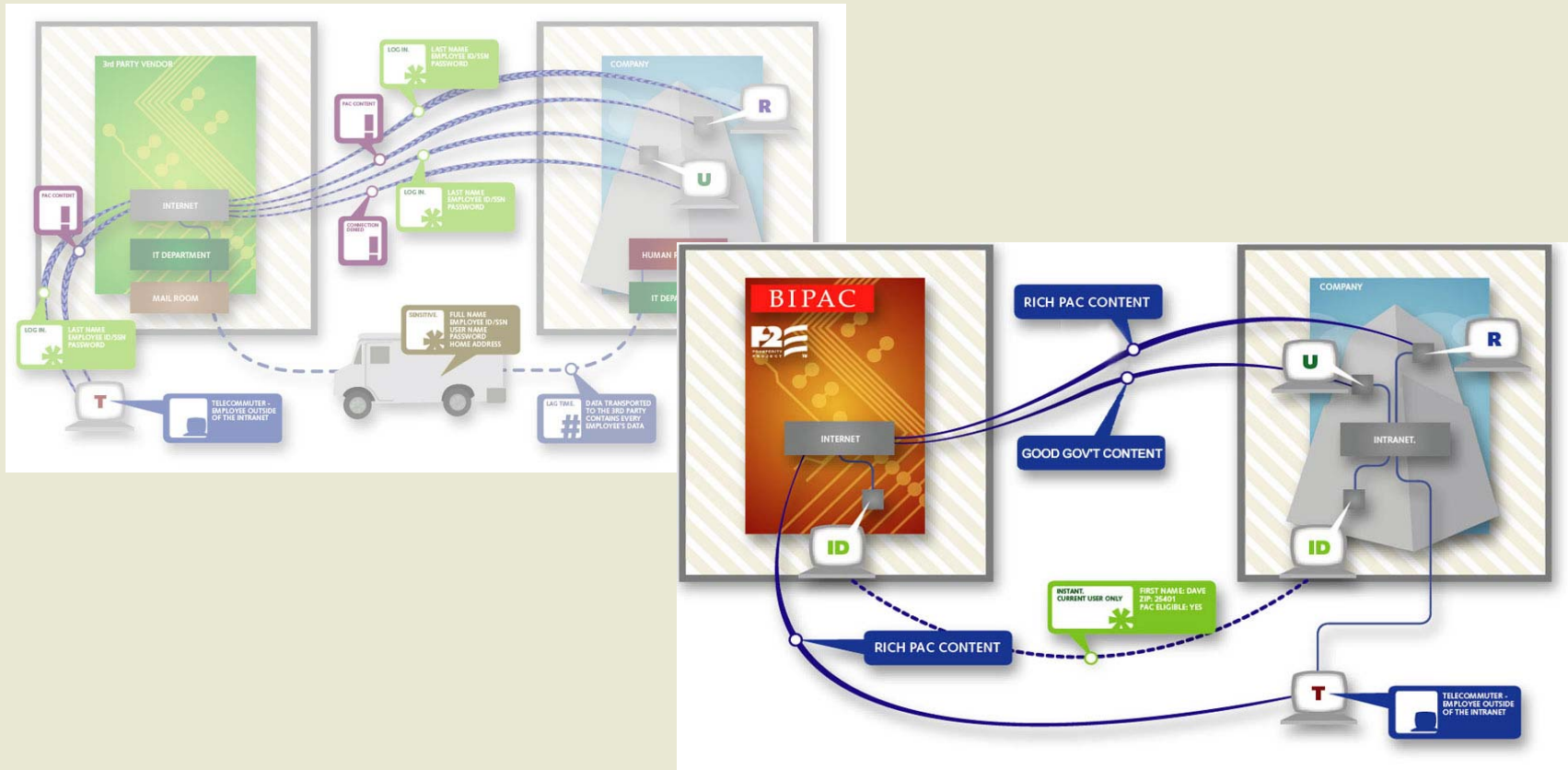
# Liberty Adoption: More Than One Billion LAP-Enabled Identities and Devices



Liberty-based solutions in place and adoption growing

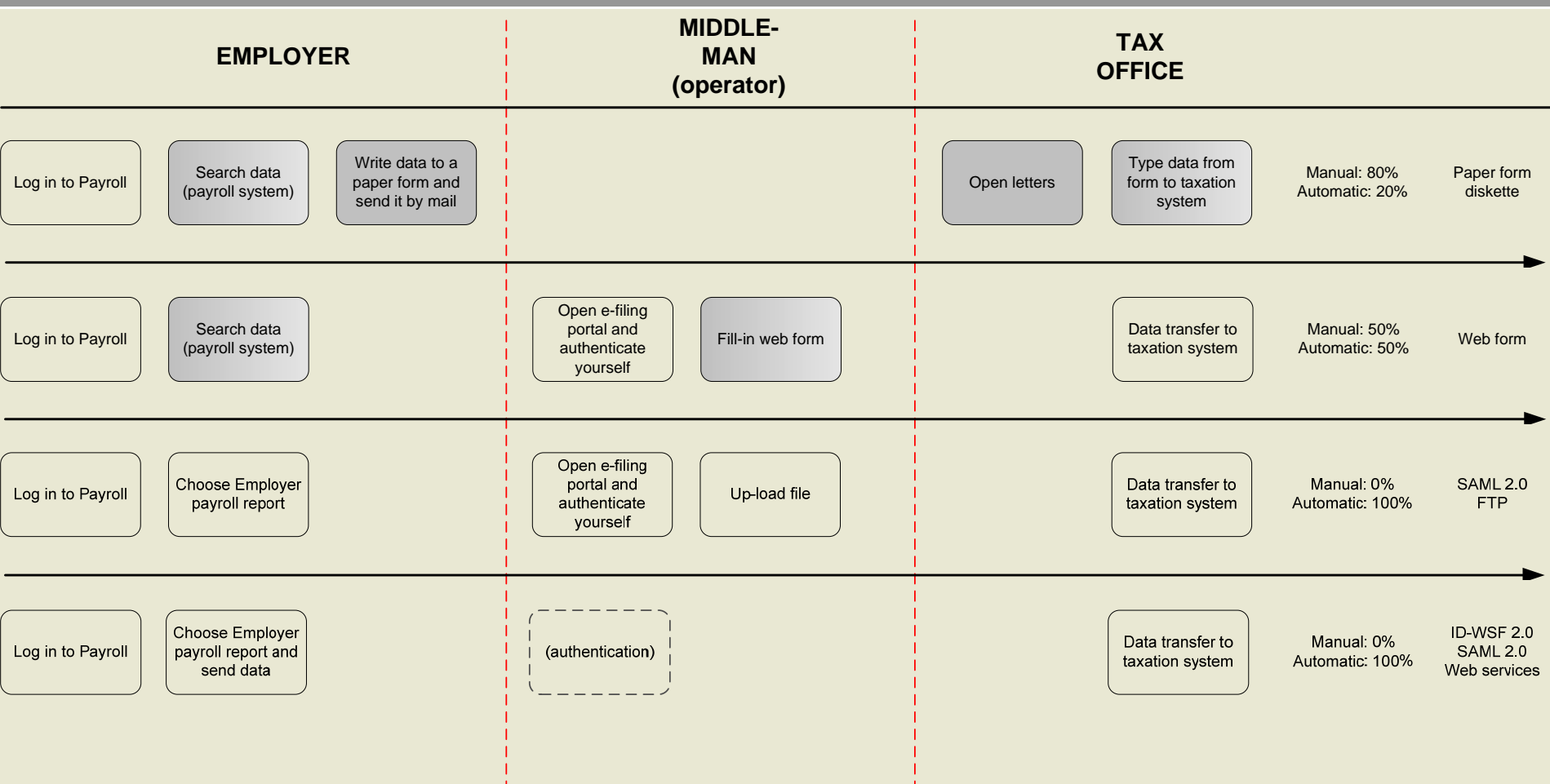


# BIPAC: Compliance, Cost Savings & Privacy



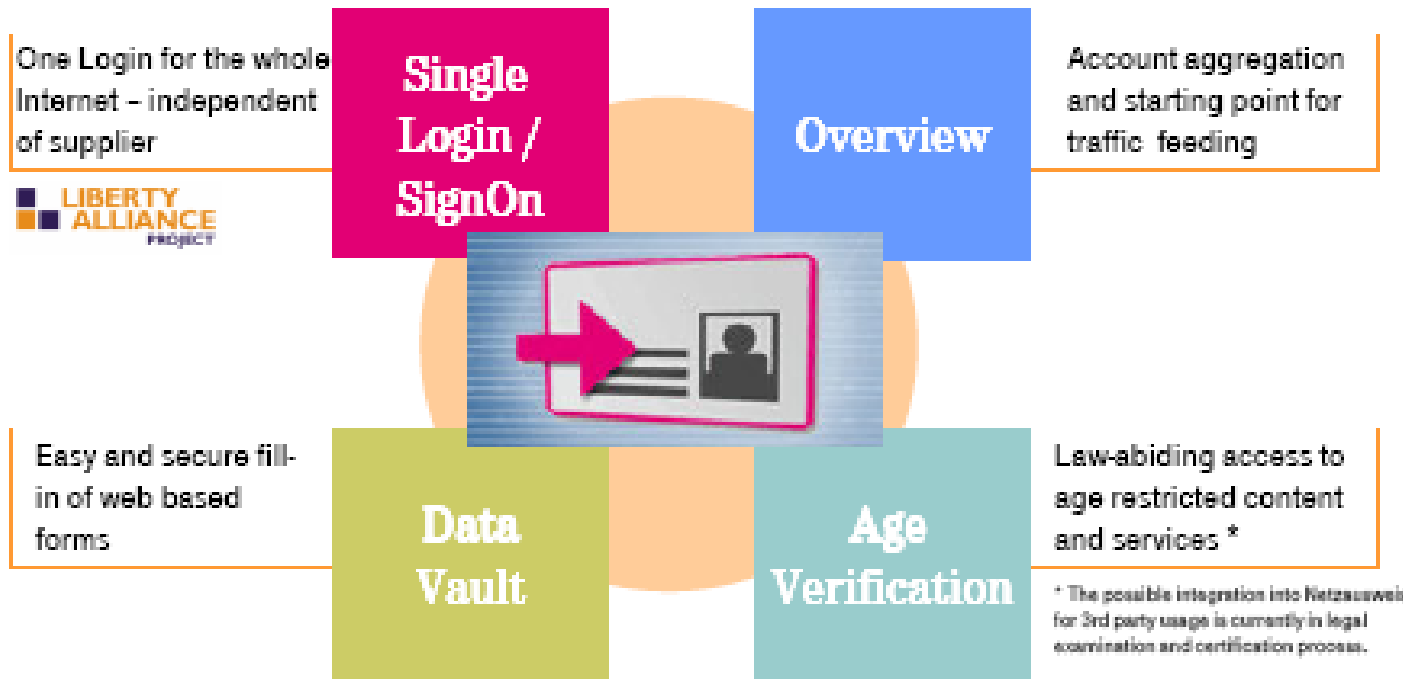


# Finnish Tax Board: Cost Savings & New Services



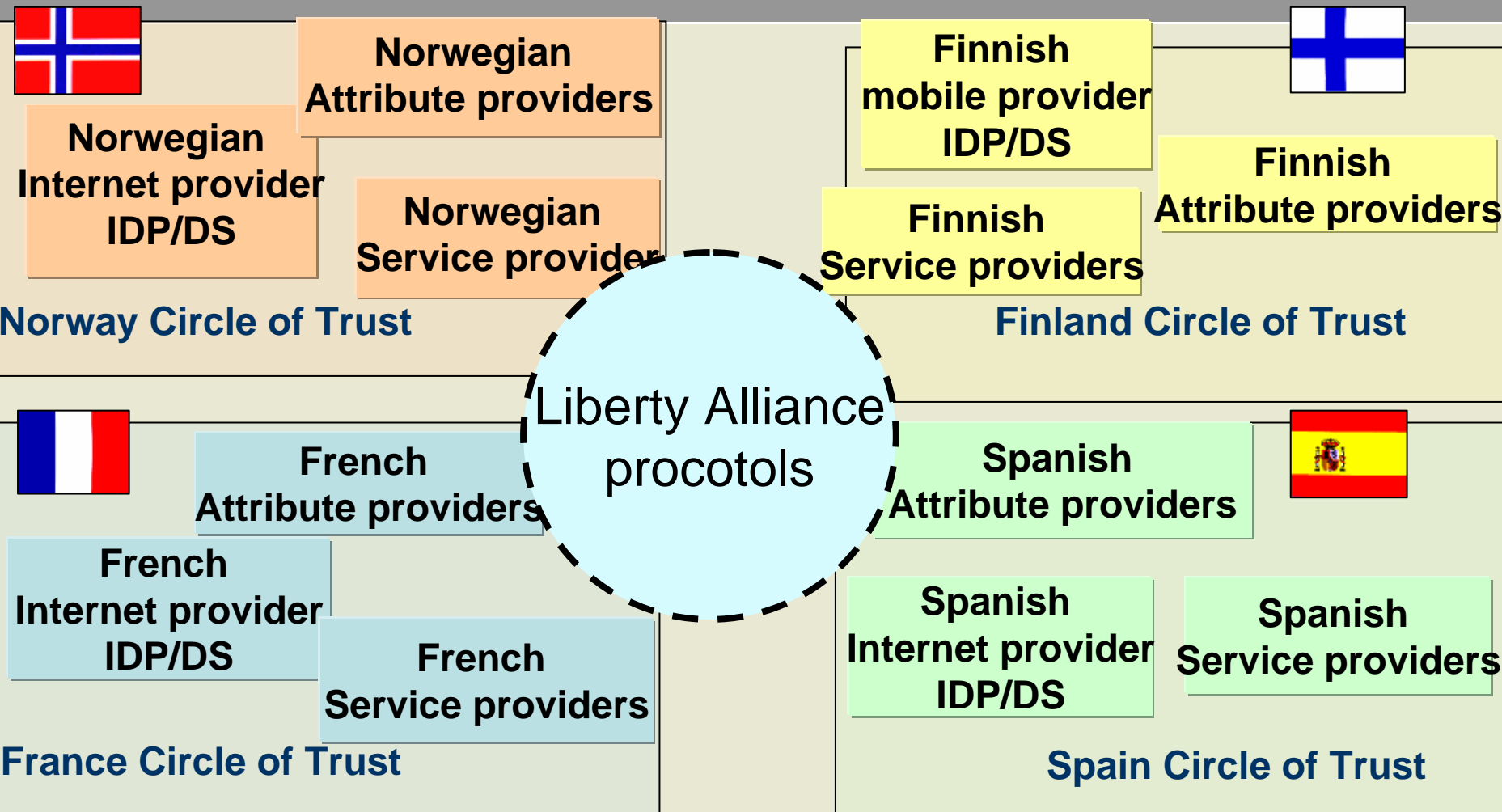
# T-Online: New Business & Ease of Use

**Identity Management solution for the online mass market.**  
 "Netzausweis": Enabling services for simplified Internet usage – more than just Single Login/SignOn.



**„With one Login...  
 ...everything is just a mouseclick away !”**

# FIDELITY-PROJECT : Privacy, Cost Savings and Regulatory Benefits



On-card implementation of ID-FF/ID-WSF

# France Telecom: New Business & Savings

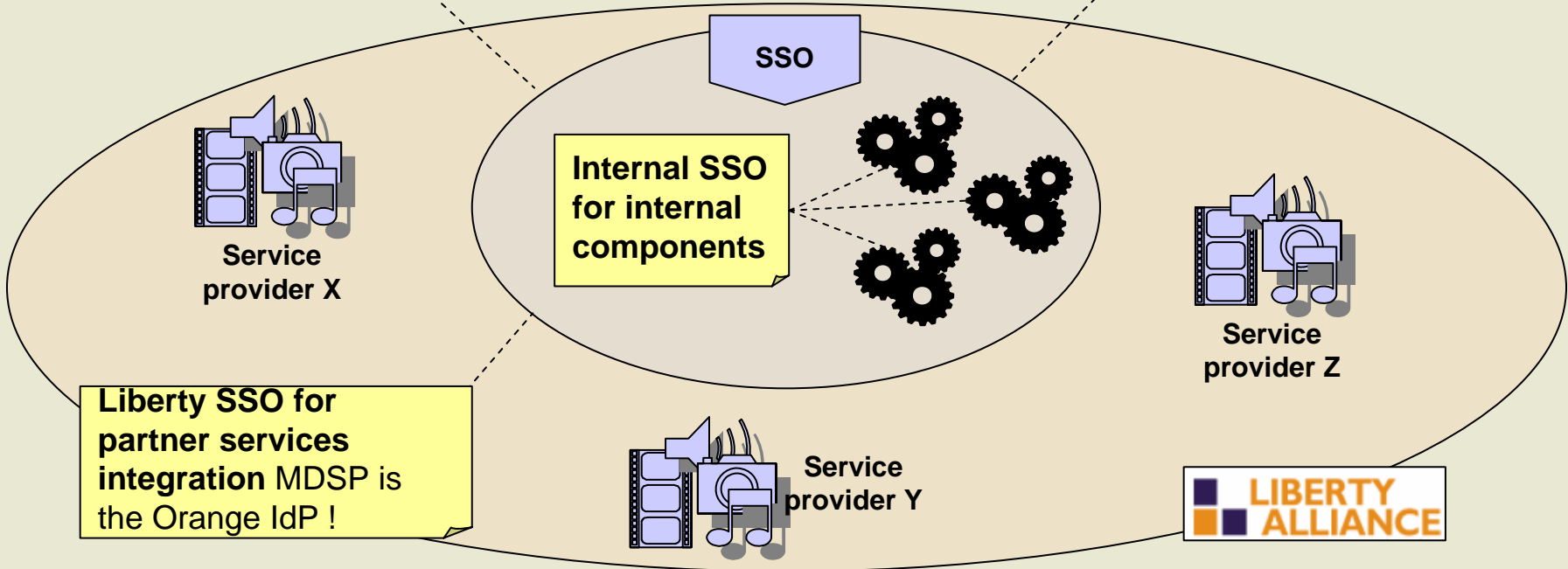
**Orange provides a technical framework:**

- Content adaptation
- Mobile & web portall
- Access to Orange enablers (SMS, MMS, location, etc.
- Billing integration



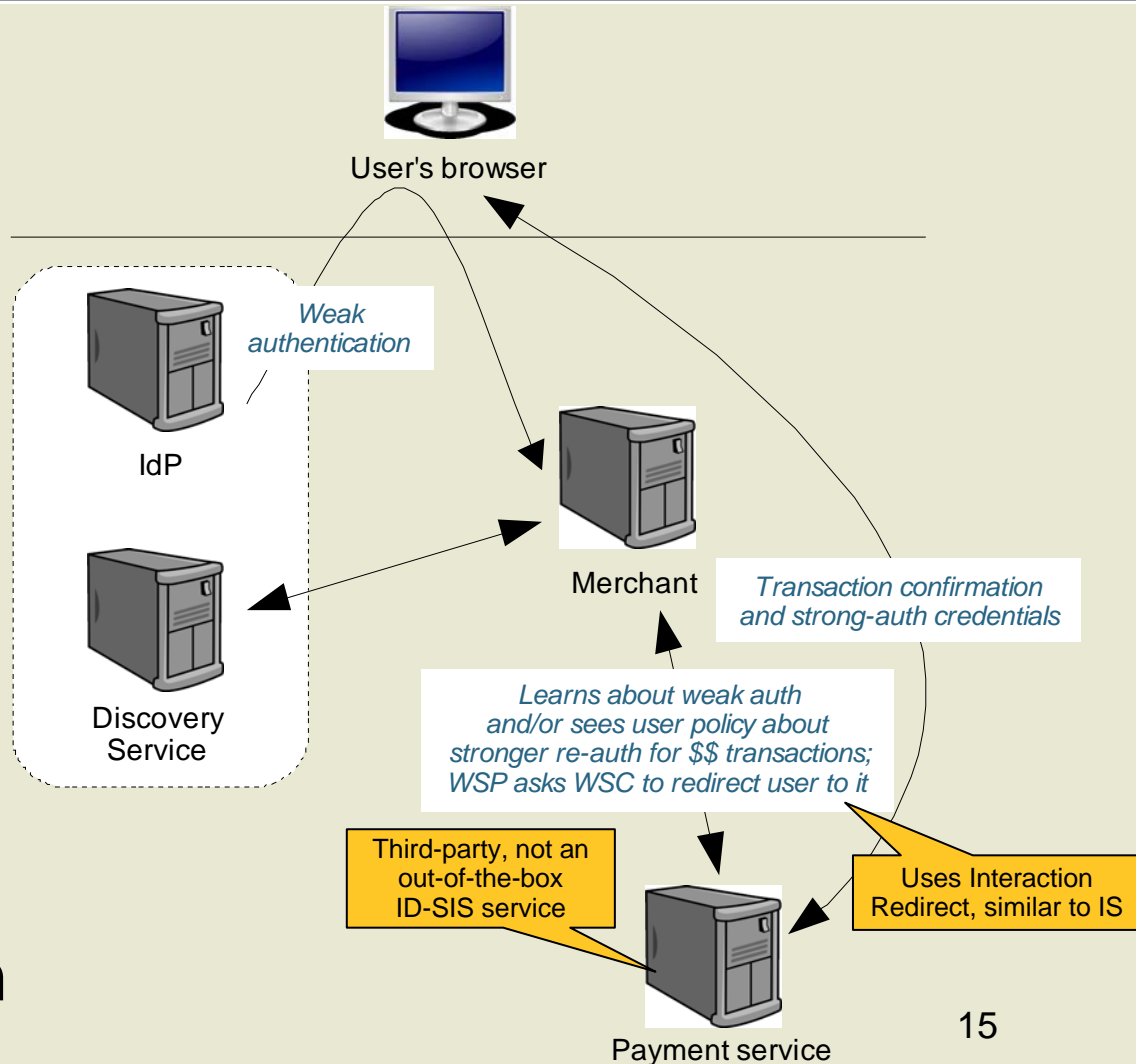
**Orange provides some branded services:**

- Communication services
- Business services
- ...



# Pay By Touch: Privacy & New Business Opps

- Provides the option of strong authentication at transaction-time, based on authentication quality or user policy
- Browsers properly equipped with plugins could support fingerprint-based authentication



## Learn More This Week

- SAML 2.0—Standard of Choice in the Public Sector, Tuesday, 2/6, 1:30-2:40, Gold Room 308
- Open Federated Identity Management—Delivering Real Business Value Today, Wednesday, 2/7, 10:40-11:50, Gold Room 302
- The Federated ID Debate, Friday, 2/9, 11:10-12, Green Room 103
- ANYTIME: email [info@projectliberty.org](mailto:info@projectliberty.org)



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**Thank You!**