

Gestión dinámica de configuraciones en dispositivos móviles en un entorno Liberty/OMA-DM

Device Independence

- **Liberty and Identity in a Nutshell**
 - The Importance of Identity Principles
 - Liberty Value Proposition and Members
 - Concepts
 - Privacy
- **Device independence**
 - Goal
 - W3C Principles
- **P2C Proof of Concept**
 - Introduction
 - Use Case



Liberty and Identity in a Nutshell

The Importance of Identity

- The most basic element in a high-value relationship with customers, employees, citizens or business partners
- Has to be managed with great care to avoid financial losses
 - Secure solutions are essential
 - User consent must be supported
- Common mechanisms to handle Identities are required:
 - Technically, to enable interoperability and seamless user experiences
 - Legally, to enable a business relationship between different entities in a distributed environment



Liberty Value Proposition and Members

■ Value Proposition

- **Businesses and consumers want benefits of being connected anytime, anyplace - without compromising security or control of personal information. The Liberty Alliance provides the technology, knowledge and certifications to build identity into the foundation of mobile and web-based communications and transactions.**

■ Over 150 diverse member companies and organizations

- **Government organizations**
- **End-user companies**
- **System integrators**
- **Software and hardware vendors**

- MSOffice4**
1. Removed the top title
 2. Is this really still our mission? Seems like maybe this has morphed and could use some updating.
 3. changed last bullet to read Over 150 member companies and organizations, other wise this slide needs to be updated everytime the number changes.
 4. Open Organization for Federated Identity...seems redundant of what is already stated in the mission. I would remove this point and its sub points as they don't seem to fit as part of the misson or as part of the membership.
 5. Switch 150 companies and wide membership bullets. Remove "Wide Membership Base" and simply make the sub bullets of this the sub bullets of the Over 150 members.....

; 06/08/2004

Liberty basic concepts

Liberty Identity Federated Framework (ID-FF)

Realize user oriented SSO

- Federated Identity
- Single Sign-On
- Single Logout
- ...etc.

Liberty Identity Service Interface Specifications (ID-SIS)

**Provide interfaces
for various identity service**
such as personal profiles, employees
profiles, geo-location services, presence
services, contact book services, etc.

Liberty Identity Web Service Framework (ID-WSF)

**Provide platform service
to realize Web services**
such as common data access, Authentication
interface, Discovery service, Encrypted message

Compliant with existing standard specifications
(SAML, SOAP, WSS, XML, etc.)

Privacy

The ability to control my identity on your network

Who I am

What you know about me

When you know it

How you can use it



Device independence



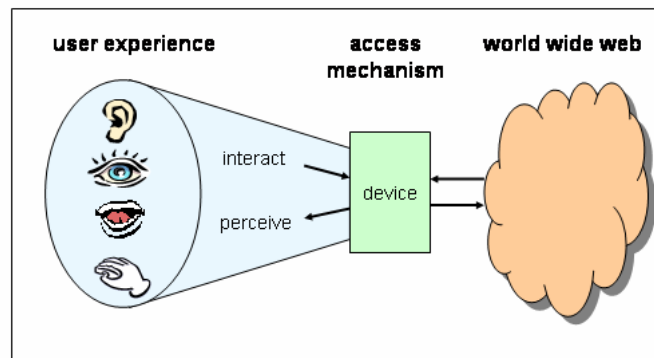
Goal

- **The main goal of the device independence is to allow the Web to be accessible by anyone, anywhere, anytime, anyhow including those with disabilities.**

W3C Principles

■ User related principles

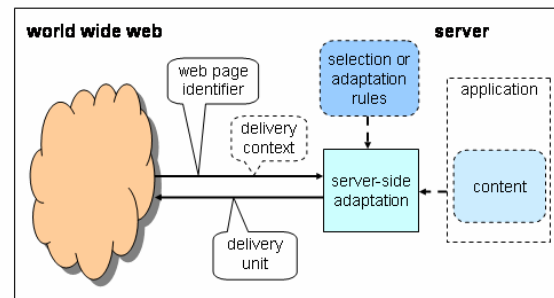
- **Device independent access** : For some web content or application to be device independent, it should be possible for a user to obtain a functional user experience associated with its web page identifier via any access mechanism.
- **Device independent Web page identifiers** : A web page identifier that provides a functional user experience via one access mechanism should also provide a user experience of equivalent functionality via another access mechanism.



W3C Principles

■ Authoring-related principles

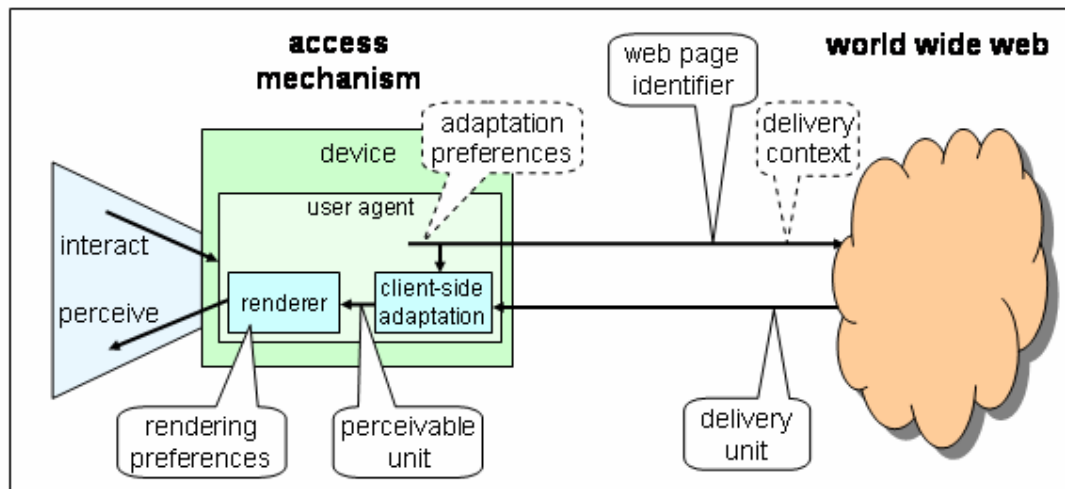
- **Functionality** : It should be possible to provide a functional user experience, in response to a request for a web page, in any given delivery context that has an adequate access mechanism
- **Incompatible access mechanism** : If a functional user experience of an application cannot be provided due to inherent limitations in the access mechanism, an explanatory message should be provided to the user.
- **Harmonisation** : If the author wishes, it should be possible to provide a harmonized user experience , in response to a request for a web page, in any given delivery context that has an adequate access mechanism



W3C Principles

■ Delivery-related principles

- **Characterization of delivery context** : The user agent should be able to associate the characteristics of the delivery context with a request for a particular web page.
- **Adaptation preferences** : It should be possible for a user to provide or update any adaptation preferences as part of the delivery context

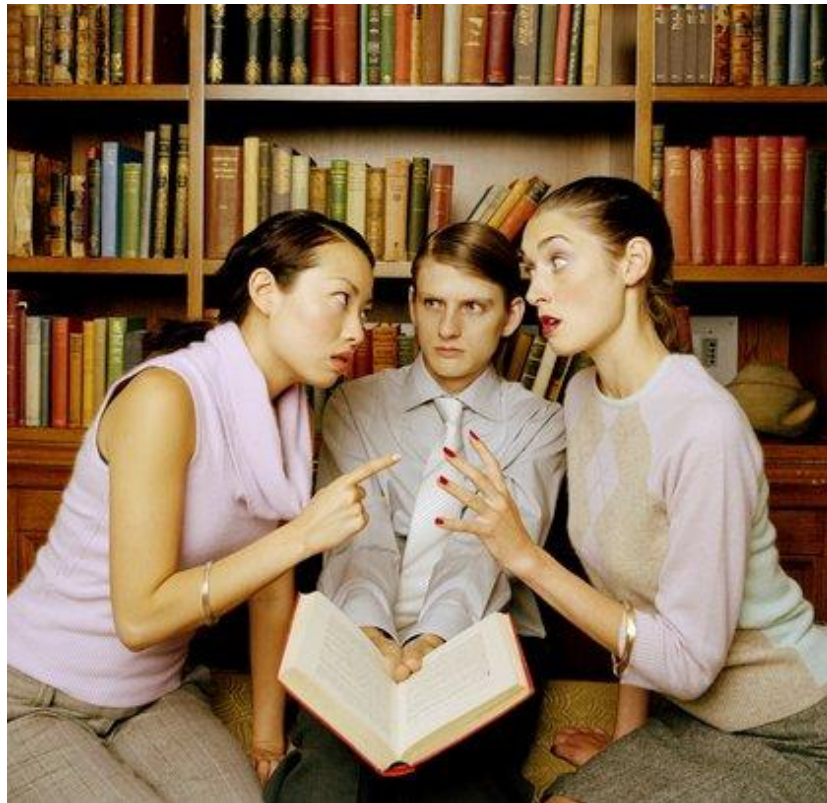


P2C Device Awareness

Ericsson proof of concept



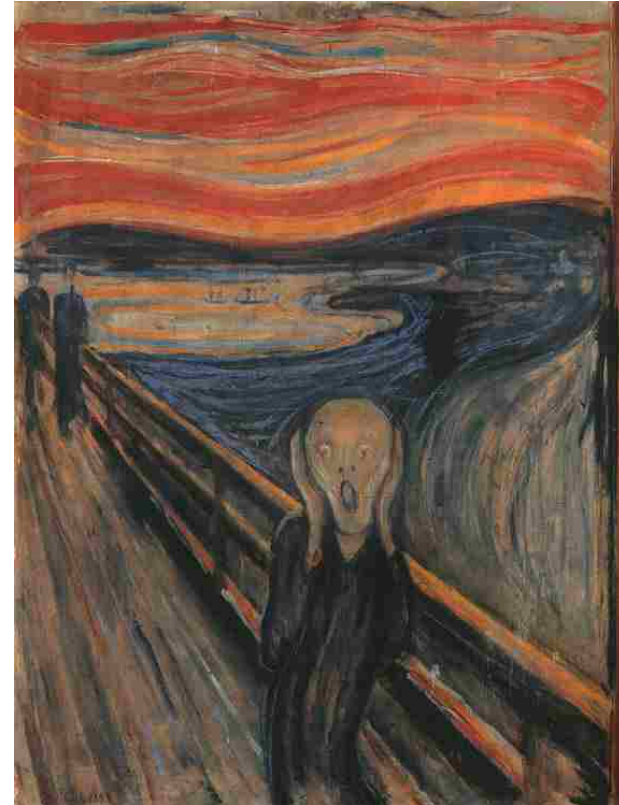
Business scenario



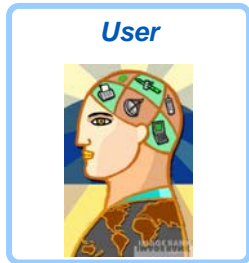
Demonstrate how mobile operator can provide added value to Person to Content (P2C) communication

Challenges

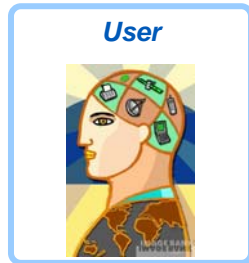
- **Operating Systems and platforms divergences**
- **Understand the content impact on the device**
- **Match services that fits device capabilities**
- **Delivering applications on small devices**
- **Selecting the optimal application configuration**
- **Delivering the right applications to mobile users**
- **More?**



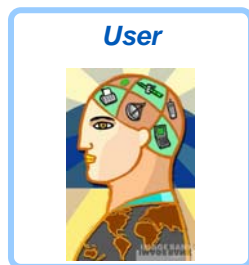
P2C Device Awareness Use Cases



User subscribes to a Content Provider to an alerting service regarding news mobile games



New game available! User is informed via MMS with a trailer of the new game



User likes the new game and decide to download it



Realistic use case?

User needs to open a new account in the Content Provider: *registration process, other password,...*

User needs to enter his preferences and personal data, (privacy concerns)

User is concerned about downloads that could impact its terminal setup

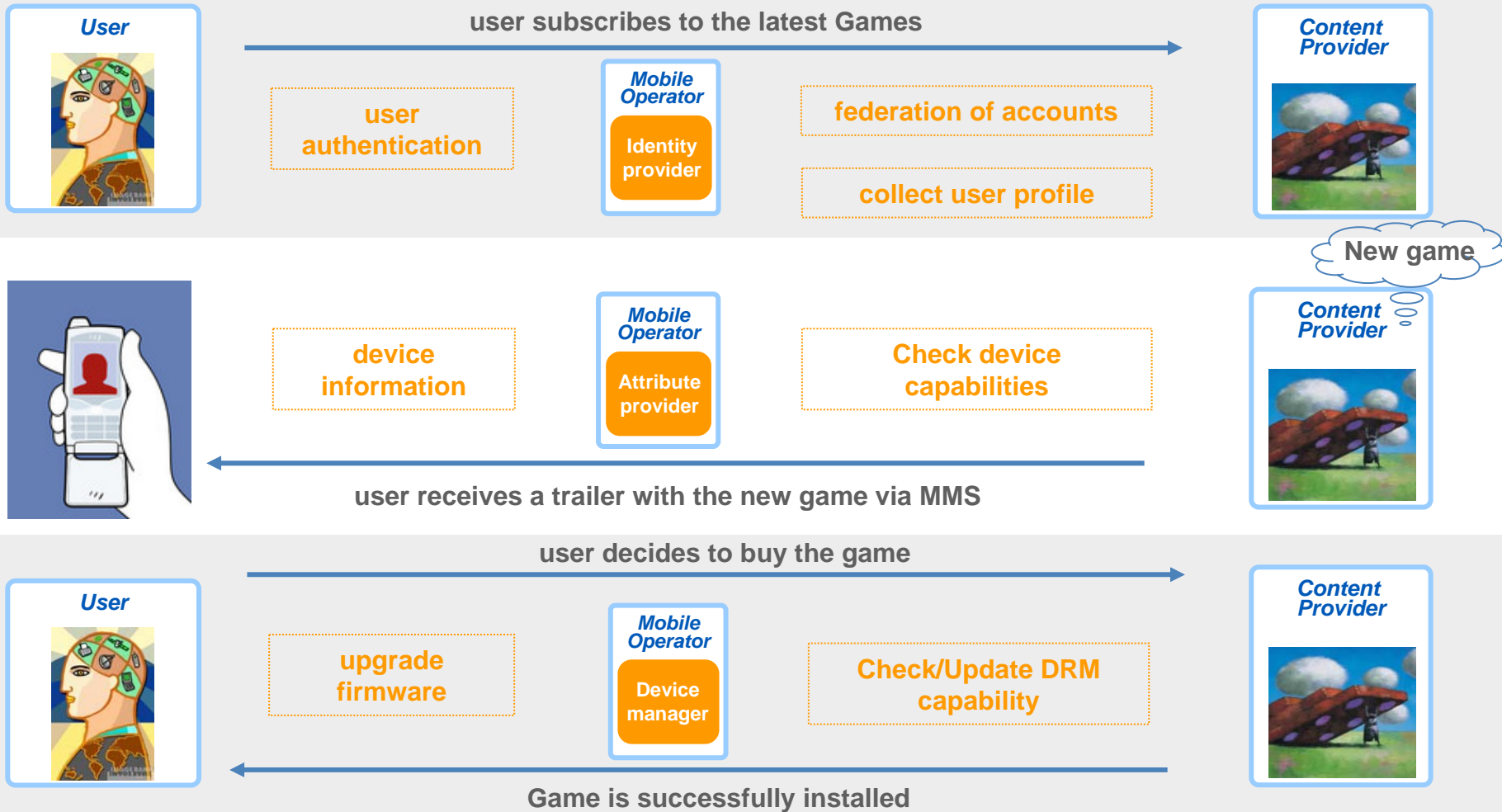
Easy process through SSO and federation of accounts

User profile can be obtained from operator (trust)

Device Awareness/Management

Mobile operator is in a privileged position to provide these functions

Mobile Operator role



ERICSSON

