



**Web Trends - 2012** By Guillaume Lefebvre: Guillaume.Lefebvre@atos.net

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Transactional services. **Powering progress** 



3DTV

## Multi Screen Web in real life

16 min before / after Japan Earthquake on 3/11/11 Snapshots of @replies From & To Twitter Users in Japan



Augmented

**reality** Connected Life

ATAWAD

Connected

Store



Consuming What you want, When you want Wherever you want, At the place you want

2008 = \$325B

Rights

Delegation

**Digital Identity** 

Privacv

by design

Socia.

Network

Mobile









ne people that asked in advice and followed recommendation of a friend neir Social Network

+62%

Where they access social media? 7% At School 8% In Airports 12% In Restaurants 12% In the Car **27%** At Work

Subscription -based commerce

Location Payment Delegation Vallet

**Subscription** 

Mobile PAYPAL 8000 **Transactions** (in \$ Million) 6000 4000 2000 \$25M \$141M \$750M 2008 2009 2010 2011 2012

10000

New Payment



## **Connected TV** Pampers Ads only for young parents

How can a service provider trust a user?



"Digital identity" (NIST Vision) = a set of (encrypted) attributes = key to the service

Identification & Authentication = trust computing, secure element



How can both the user & service provider trust the device hat's being used?

**HSM & Trusted Platform Module** Hardware's biometrics **PUF** : Physically Unclonable Function

> How can a user trust a service provider?

a service must protect user data **Services** are trusted if they respect user privacy

