



# Trust & Identity

Prague, 12-13<sup>th</sup> May 2009

# FIA Madrid: T&I Position paper

- The Future Internet will exhibit
  - Increase in cross-cutting dependencies and complexity, with distributed responsibility;
  - Massive expansion in scale and scope;
  - Spontaneous and emerging behaviour and usages;
  - Pervasive and heterogeneous infrastructures, devices, and services;
  - User-centric paradigms, recognising individuals in different roles, responsibilities and contexts.
- .... real challenges for trust, identity and privacy in a future internet of services, content and things.

# Prague: Trust & security scenarios

What if people trust devices they own and hold, not services?

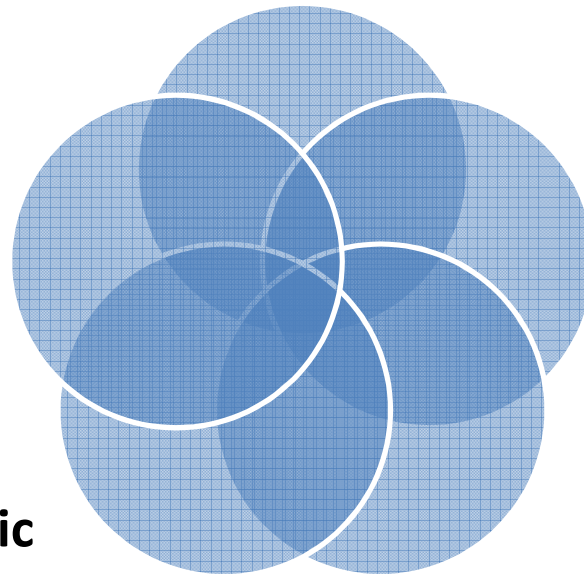
**Client-centric scenario**

What if the Future Internet develops into an information economy?

**Information-centric scenario**

What if the Future Internet is subject to relentless attacks from cyber criminals?

**Threat-centric scenario**



**Infrastructure-centric scenario**

**Service-centric scenario**

What if business is dispersed to a global ecosystem of service providers deep process and information integration ?

What if all ICT infrastructure is shared and service oriented?

# Trust and Identity Session objectives

- Develop research challenges for Trust and Identity in future Internet
- Explore empirical approaches to research in Trust and Identity in future internet

# Trust & Identity Sessions format

12 May 2009

**Identity Provisioning**  
11:30 - 13:30

**Trust Session**  
14:30 – 16:00

**Experimental and Empirical approaches**  
16:15 – 18:15

**Wrap Up**  
18:15 – 18:30

Each session comprised of:

**Keynotes**

- + related scenarios and research challenges
- + Inputs from projects
- + Invited cross domain speakers
- + Discussions



**12 May 2009**  
**Session 1. Identity Provisioning in service platforms (11:30 – 13:30)**

|                      |   |   |
|----------------------|---|---|
| <b>11:30 – 11:40</b> | <b>Introduction to session</b>  | <b>Chair – Jim Clarke,<br/>Waterford IT</b>       |
| <b>11:40 – 11:55</b> | <b>Keynote 1. Service perspective on FI trust and identity issues<br/>Jose Maria Cavanillas, Atos Origin, SPAIN</b> |   |
| <b>11:55 – 12:10</b> | <b>Keynote 2. eGovernment approaches<br/>Reinhard Posch, Federal Chancellery AUSTRIA</b>                            |   |
| <b>12:10 – 12:25</b> | <b>Keynote 2. Validation methodologies<br/>Luca Vigano, University of Verona, ITALY</b>                             |   |
| <b>12:25 – 12:40</b> | <b>Keynote 3. Federated Identities<br/>Amardeo Sarma, NEC Labs Europe, GERMANY</b>                                  |   |
| <b>12:40 – 13:20</b> | <b>Interactive Panel session<br/>All speakers</b>   | <b>Moderated by<br/>Michel Riguidel,<br/>ENST</b> |
| <b>13:20 – 13:30</b> | <b>Wrap Up</b>  | <b>Chair – Jim Clarke,<br/>Waterford IT</b>       |



**12 May 2009**

**Session 2. Trust Platforms (14:30 – 16:00)**

|                      |   |                                       |
|----------------------|---|---------------------------------------|
| <b>14:30 – 14:40</b> | <b>Introduction to session</b>  | <b>Chair – Volkmar Lotz, SAP</b>      |
| <b>14:40 – 14:55</b> | <b>Keynote 1. Dynamic (stateful) service security<br/>Mike Surridge, IT Innovation, University of Southampton, UK</b>     |                                       |
| <b>14:55 – 15:10</b> | <b>Keynote 2. Responsibility, accountability and legal aspects<br/>Hermann de Meer, Universitaet Passau, GERMANY</b>      |                                       |
| <b>15:10 – 15:25</b> | <b>Keynote 3. Usage control: From distributed systems and information to Clouds<br/>Fabio Martinelli, CNR Pisa, ITALY</b> |                                       |
| <b>15:25 – 15:50</b> | <b>Interactive Panel session<br/>All speakers and Luca Vigano, University of Verona, ITALY</b>                            | <b>Moderated by Volkmar Lotz, SAP</b> |
| <b>15:50 – 16:00</b> | <b>Wrap Up</b>  | <b>Chair – Volkmar Lotz, SAP</b>      |



**12 May 2009**  
**Session 3. Experimental & Empirical**  
**Approaches (16:15 – 18:30)**

|                      |  |   |
|----------------------|--|---|
| <b>16:15 – 16:20</b> | <b>Introduction to session</b>   | <b>Chair – Nick Wainwright, HP</b>          |
| <b>16:20 – 16:35</b> | <b>Keynote 1. Perspective from PICOS<br/>Pedro Soria-Rodriguez, ATOS Origin, SPAIN</b>                           |   |
| <b>16:35 – 16:50</b> | <b>Keynote 2. Perspective from Wombat<br/>Corrado Leita, Symantec, FRANCE</b>                                    |   |
| <b>16:50 – 17:05</b> | <b>Keynote 3. Experimental and empirical approaches<br/>Bernhard Plattner, ETH Zürich, SWITZERLAND</b>           |   |
| <b>17:05 – 17:20</b> | <b>Keynote 4. Experimental and empirical approaches<br/>Heikki Huomo, Center of Internet Excellence, FINLAND</b> |   |
| <b>17:20 – 18:15</b> | <b>Interactive Panel session<br/>All Speakers + Susanna Avéssta (FIREWORKS) (25m)</b>                            | <b>Moderated by<br/>Nick Wainwright, HP</b> |
| <b>18:15 – 18:30</b> | <b>Wrap Up, including all sessions</b>   | <b>All Chairs</b>                           |