



EU-Japan Cooperation under FP7 Lessons Learnt

Trevor Peirce, AVANTA Global SPRL
avanta@scarlet.be
+32 2 767 4511



EU-Japan Collaboration Projects & Me

- Currently FP7:
 - CASAGRAS
 - RFID & IoT
 - Developing a description of the landscape & issues
 - GRIFS
 - RFID Standards coordination
- Past EPCglobal:
 - Transport & Logistics Business Action Group
 - Active RFID system standards & pilots



Key Learnings

- Key Learnings General:
 - International collaboration essential
 - Coordinated efforts
 - Joint contributions
 - Dialogue & continued dialogue!
 - Japan's importance
 - To ICT thinking, research & development
 - As global leading adopter of ICT technologies
 - As a significant market for ICT technologies
- Key Learnings Specific:
 - Further efforts to harmonize radio spectrum EU-Japan
 - High Frequency
 - Ultra High Frequency
 - Other Wireless IoT enablers
 - Continuation and greater cooperation on IoT development



AVANTA Global SPRL



AVANTA Global - Expertise

Management

RFID
EPCglobal
Strategies

Process/Industrial Engineering
Process Re-Engineering
Management System
Process Controls

Project Management
[PRINCE II Qualified]
Business Case

Procurement

Number Systems
Number System Management

Supply Chain Management

Technical

RFID
Technology Selection
Standards
Systems Architecture

Bar code
Wedges & controllers
Printers
Labels
Hand Held Scanners
Unattended Scanners
Verification

Weigh scales
Volumetric Measuring



AVANTA Global SPRL

- Principle consultant Trevor Peirce since May 2006
- Current and Recent Activities:
 - Global leading Medical Device manufacturer:
 - AutoID Supply Chain Strategy Consulting
 - AutoID Programme Coordination
 - RFID Project Management
 - Standards Organization/European Community
 - CASAGRAS
 - GRIFS
 - RACE Network RFID
 - ETSI/CESI China RFID Plugtest
 - RFID Privacy & Security initiatives
 - Mandate & Recommendation response in collaboration with European Standards Organizations
 - ETSI: Next Generation Networks (NGN) RFID/Smart Card Privacy and Security Work Item
 - RFID System Provider
 - Healthcare Business Development (US & Europe)
 - EPCglobal Standards Collaboration
 - Digital Pen Solution Provider
 - Transport & Logistics Market Evaluation



RFID - Standards Director EPCglobal

2005 – 2006

- Responsible for an international team of 7 Standards Managers co-ordinating 1,500 subscribers engaged in gathering industry requirements across supply chain sectors
 - Consumer retail
 - Healthcare
 - Transport & logistics
- and delivering the technical standards which define the EPC (Electronic Product Code) Network™ based upon Radio Frequency Identification (RFID) to the timing defined within the Strategic Work Plan
 - Hardware Action Group
 - Software Action Group
- Co-ordinator of relations with industry associations e.g. IATA, WCO, etc..
- Supporting GS1's 107 country Member Organizations with specific focus upon Australia, India, Hong Kong, Japan and, Singapore.



RFID - Programme Director, DHL

2003 - 2005

- Defining the future vision, direction and strategies that form DHL's RFID Program influencing RFID Projects across
 - Express (air/ground)
 - Freight
 - Solutions
 - Air & Ocean
- Co-ordinator of 1.4 MUSD DHL RFID Pilot Projects in Americas and Asia Pacific
- Technical advisor to Metro Solution Team as part of their "Future Store Initiative" (FSI)
- Responsible for technology extending beyond RFID to
 - GPS
 - mobile communications
 - IS
- Internal and external communications hub for DHL/Deutsche Post e.g. Time Magazine



Engineering Manager, DHL

2001 – 2003 Global Coordination Centre

- Manager of a global development team of 4 consisting of Engineers and Project Managers whom together have contributed to 45 million Euro savings in operational and procurement costs
- Responsible R&D projects
- RFID Project Manager securing 1.3 million Euro external funds
- Responsible for Global Air waybill numbers, procedures and systems, and critical operations supplies specifications totalling 56 million Euro
- Functional leader of 9 European country Engineers and business wide cross functional teams

1997 – 2001 Europe, Africa and Middle East Regional Office

- Project initiator and Manager of research, development and deployment of automated systems enabling a revenue improvement of 2%, justifying investment cost of 3 million Euro
- Process Improvement Project Manager for projects at DHL Oslo and Gothenburg
- Responsible for evaluation and testing of unattended bar-code scanner systems and RFID