DI2.4: PROMISE Dissemination Report

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ABSTRACT:	This deliverable describes the PROMISE dissemination activities of the project period PM18 to PM24 including the planned activities.

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1 Introduction

In this report PROMISE related dissemination activities are listed which are either performed or planned during the project period PM 13 to PM 24.

2 Publications and presentations

2.1 Industrial Journals

Author	Title	Forum
Thoben, K.-D. Hans, C. Hribernik, K. Schnatmeyer, M.	Die erweiterte Nutzung von Produktinformationen	RFID im Blick, Special Bremen Edition

2.2 Research reports

Author	Title	Forum
Zangiacomi, A.	Virtual Research Lab for a Knowledge Community in Production	NoE VRL-KciP

2.3 Journal papers and conference proceedings

Author	Title	Forum
Meo, F. Panarese, D.	Product Lifecycle Management and Information Tracking using Smart Embedded Systems applied to machine tools	2nd I*PROMS Virtual International Conference on Intelligent Production Machines and Systems 3-14 July 2006
Kiritsis, D. Rolstadås, A.	Ubiquitous PLM using Product Embedded Information Devices	Advanced Manufacturing. An ICT and Systems perspective, under publication by the IMS-NoE.
Jun, H.-B. Kiritsis, D. Xirouchakis, P.	Closed-loop PLM	Advanced Manufacturing. An ICT and Systems perspective, under publication by the IMS-NoE.
Myklebust, O. Kiritsis, D. Lamvik, T.	Sustainable Products and Processes	Advanced Manufacturing. An ICT and Systems perspective, under publication by the IMS-NoE.
Jun, H.-B. Ruibal, M. Kiritsis, D. Xirouchakis, P.	Streamlining asset maintenance throughout analysis of its usage data	APMS 2006, September 2006, Wroclaw, Poland.
Främling, K. Kärkkäinen, M. Ala-Risku, T. Holmström, J.	Design Patterns for Managing Product Lifecycle Information	Communications of the ACM
Jun, H.-B. Kiritsis, D. Gambera, M. Xirouchakis, P.	Predictive maintenance algorithm for automotive engine oil	Computers and Industrial Engineering
Jun, H.-B. Kiritsis, D. Xirouchakis, P.	Research issues on closed-loop PLM	Computers in Industry
Hui Cao Folan, P. Zheng Lu Mascolo, J. Frantone, N. Browne, J.	Design of an End-of-Life Decision Support System using Product Embedded Information Device Technology	ICE 2006 conference, 26-28 June
Cassina, J. Tomasella, M.	Development of a the semantic object model for a PDKM system	ICE 2006 conference, 26-28 June

Author	Title	Forum
Matta, A. Taisch, M. Marquard, M. Metin, A.		
Bufardi, A. Folan, P Kiritsis, D. Xirouchakis, P.	Transformation of product field data into knowledge	INCOM 2006
Jun, H.-B. Shine, J.-H. Kiritsis, D. Xirouchakis, P.	System architecture for closed-loop PLM	INCOM 2006
Främling, K. Rabe, L.	Enriching Product Knowledge During the Product Lifecycle	INCOM 2006
Främling, K. Brusey, J. Harrison, M.	Global Unique Product Identifiers – Requirements and Solutions to Product Lifecycle Management	INCOM 2006
Anke, J. Neugebauer, M.	Early data processing in smart item environments using mobile services	INCOM 2006
Nunes, K. Schnatmeyer, M. Thoben, K.-D. Valle, R.	Using Transponder Technology for Waste Minimization in the Automotive Industry	INCOM 2006
Sorlini, M. Zangiacomi, A. Fornasiero, R.	Designing a Decision Support System for Trucks Predictive Maintenance	INCOM 2006
Jun, H.-B. Shine, J.-H. Kiritsis, D. Xirouchakis, P.	A Framework for closed-loop PLM	Information systems frontiers
Matta, A. Tomasella, M.	Adaptive production systems to react to product changes	Int. J. of Production Research
Jun, H.-B. Lo Conte, F. Kiritsis, D. Xirouchakis, P.	A predictive algorithm for estimating the quality of automotive engine oil	International Journal of Industrial Engineering
Jun, H.-B. Shine, J.-H. Kim, Y.-S. Kiritsis, D. Xirouchakis, P.	RFID applications in PLM	International Journal of Production Economics
Thoben, K.-D. Hans, C. Hribernik, K. Schnatmeyer, M.	Die erweiterte Nutzung von Produktinformationen	RFID im Blick, Special Bremen Edition
D. Kiritsis, D. Jun, H.-B. Bufardi, A. Pli, D. Anastasiou, M Xirouchakis, P	Engineering asset management using product embedded information device (PEID): PROMISE approach with application to telecom assets	WCEAM 2006, 11-14 July 2006, Gold Coast, Australia.
Hans, C. Schnatmeyer, M Thoben, K.-D. Sbarski, I. Bishop, J.	Decision support systems in plastic recycling plants	WCEAM 2006, 11-14 July 2006, Gold Coast, Australia.
Anke, J. Müller, J. Spieß, P.,	A Service-Oriented Middleware for Integration and Management of Heterogeneous Smart Items Environments	4th MiNEMA Workshop, 2-3 July 2006, Sintra, Portugal.

Author	Title	Forum
Weiss F Chaves, L.		
Edler, A Schnatmeyer, M	Kontinuierlich in internationalen Netzwerken aktiv sein und erfolgreich EU Projekte einwerben	Informationsveranstaltung zum 7. Rahmenprogramm (RP) der Europäischen Union 3. Mai 2006, Universität Bremen, 2006.

2.4 Poster

Author	Title	Forum
N.N.	Product lifecycle Management and Information tracking using Smart Embedded systems	Opening session at the RFID Innovation centre Norway.
N.N	Product lifecycle Management and Information tracking using Smart Embedded systems	PROMISE Kick-off-Meeting, Tourino
Bufardi, A. Folan, P Kiritsis, D. Xirouchakis, P.	Transformation of product field data into knowledge	INCOM 2006
Nunes, K. Schnatmeyer, M. Thoben, K.-D. Valle, R.	Using Transponder Technology for Waste Minimization in the Automotive Industry	INCOM 2006
Främling, K., Holmström, J.	How to create evolving information models by a layered information architecture.	Proceedings of The Modern Information Technology in the Innovation Processes of the Industrial Enterprises (MITIP'2006) , 11-12 September 2006, Budapest, Hungary. pp.173-178.

2.5 Presentations

Author	Title	Forum
Kiritsis, D.	The PROMISE approach to engineering asset management	2nd RFID Academic Convocation, RFID Journal LIVE! 2006, Las Vegas, May 1, 2006
Schnatmeyer, M.	Embedded Systems in Reverse Logistics	Workshop on Engineering Asset Management Enabled by Product Embedded Information devices. WCEAM conference 2006, Gold Coast, Australia.
Kiritsis, D.	The PROMISE concept, business model and applicability to engineering asset management	Workshop on Engineering Asset Management Enabled by Product Embedded Information devices. WCEAM conference 2006, Gold Coast, Australia.
Frey, M.	DfX Knowledge transformation & management for railway assets	Workshop on Engineering Asset Management Enabled by Product Embedded Information devices. WCEAM conference 2006, Gold Coast, Australia.
Kiritsis, D.	What if your product could tell what to do with itself next? (presentation + CRF-SAP video)	RFID Journal LIVE! Europe 2006, Amsterdam, October 27, 2006.

2.6 Publications foreseen for publication

2.6.1 Book editions

Author	Title	Forum
Kiritsis D. Rolstadås A.	Ubiquitous PLM using Product Embedded Information Devices	Advanced Manufacturing. An ICT and Systems perspective, under publication by the IMS-NoE.
Jun H.-B. Kiritsis D. Xirouchakis P.	Closed-loop PLM	Advanced Manufacturing. An ICT and Systems perspective, under publication by the IMS-NoE.
Myklebust O. Kiritsis D. Lamvik T.	Sustainable Products and Processes	Advanced Manufacturing. An ICT and Systems perspective, under publication by the IMS-NoE.

A PROMISE book edition is planned before the PROMISE project end. This book shall include contribtions from all IMS regions.

3 PROMISE sessions, workshops, national information days

3.1 Conference Sessions and workshops

Different events were successful planned and organised from the PROMISE consortium:

- INCOM 2006 (http://www.emse.fr/incom2006/): A PROMISE session was held on the conference in St. Etienne, France. The presented papers are listed in section 2.3 and 2.4.
- WCEAM 2006 (http://www.wceam.com/): This was the first World Conference on Engineering Asset Management and has taken place on July 2006 in Australia. D. Kiritsis is member of the International Steering Board of this conference. Asset Management appears to be a promising domain of application of PROMISE technologies. Beside paper presentations from EPFL and a joint paper between the IMS regions Europe and Australia (BIBA, IRIS), PROMISE had a regular IMS workshop in conjunction with that event for higher international visibility. In parallel one technical session has been organised with technical & scientific presentations from all participating IMS regions.
- EPC / RFID workshop: PROMISE had a joint workshop with LogDynamicsLab on EPC and RFID topics in the product life cycle in Bremen, Germany.

3.2 Trade fairs and innovation centres

- EURO ID 2006: BIBA has presented PROMISE at this trade fair in Cologne, Germany (16 to 18 of May) on a LogDynamics stand. PROMISE is cooperation with LogDynamics Lab as an external project.
- A RFID Innovation centre has been established in Norway (see *http://www.rfidjournal.com/article/articleview/2268/1/1/*). PROMISE has been presented there and had a poster at the opening session.
- RFID Journal LIVE! Europe 2006, 27 October 2006, Amsterdam.

3.3 Planned PROMISE sessions and workshops

Academic dissemination will continue. There are already two planned sessions at two important international events:

- International Conference on Product Lifecycle Management, PLM-07 in Milano, Italy (http://www.promise.no/aktivitet.php?id=164&time=174)
- Second World Congress on Engineering Asset Management and the Fourth International Conference on Condition Monitoring, WCEAM CM 2007 in Harrogate, United Kingdom (http://www.promise.no/aktivitet.php?id=163&time=173)

4 PROMISE websites

Based on different focuses of the project dissemination activities the PROMISE consortium currently operates two websites.

The PROMISE project started with the website www.promise.no which was originally set up as a common platform to support beside others project dissemination in a broad sense. With an increase of content and pages over the time the concept of this site matured with respect to the demands of the consortium and in particularly the academic audience. Consequently the focus of this site was narrowing down. To also cover the interests of industrial audience the website www.promise-plm.com was set up.

Among other things the promise.no website provides an overview on the project publications (deliverables, paper, presentations, etc) and events (see also Figure 1) related to the project such as conferences, information days etc.

Figure 1: www.promise.no / important events

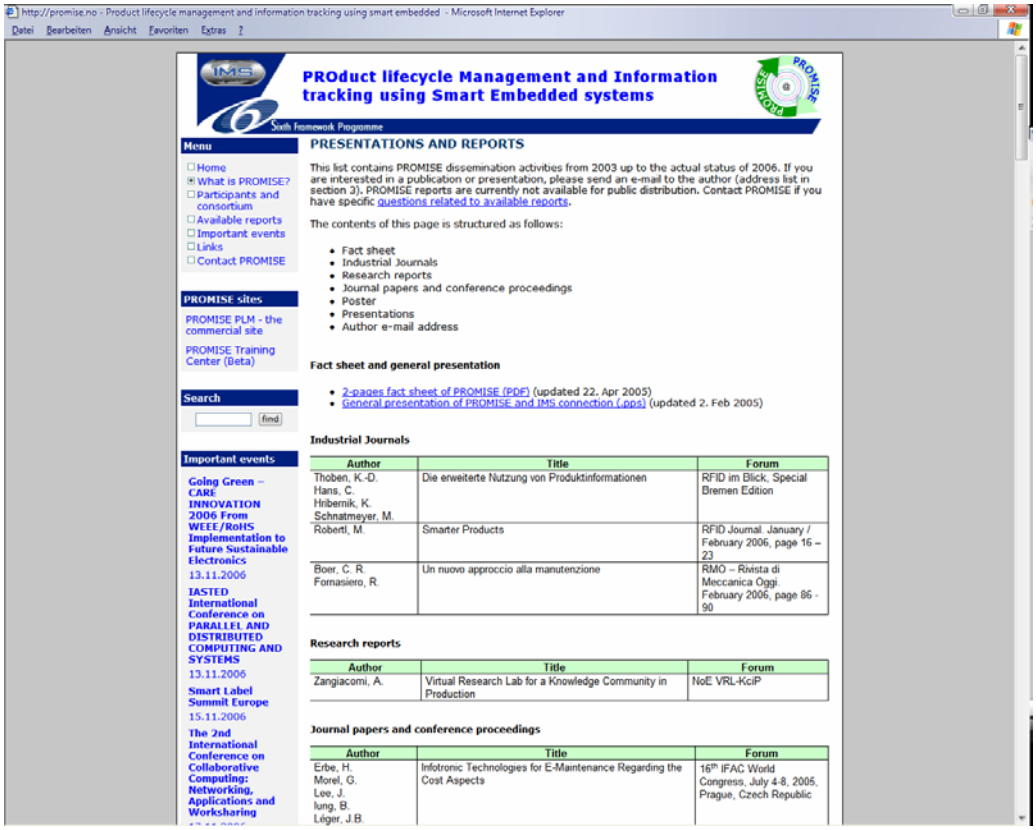

Figure 2: Figure 1: www.promise.no / publications

The www.promise-plm.com website concentrates mainly on the dissemination of the exploitation related aspects of the project results. Consequently the focused group of users is different from the group of users mentioned for the www.promise.no site. Among others the practical aspects of the implementation of PROMISE within the project but also without the project are presented (see also Figure 3).

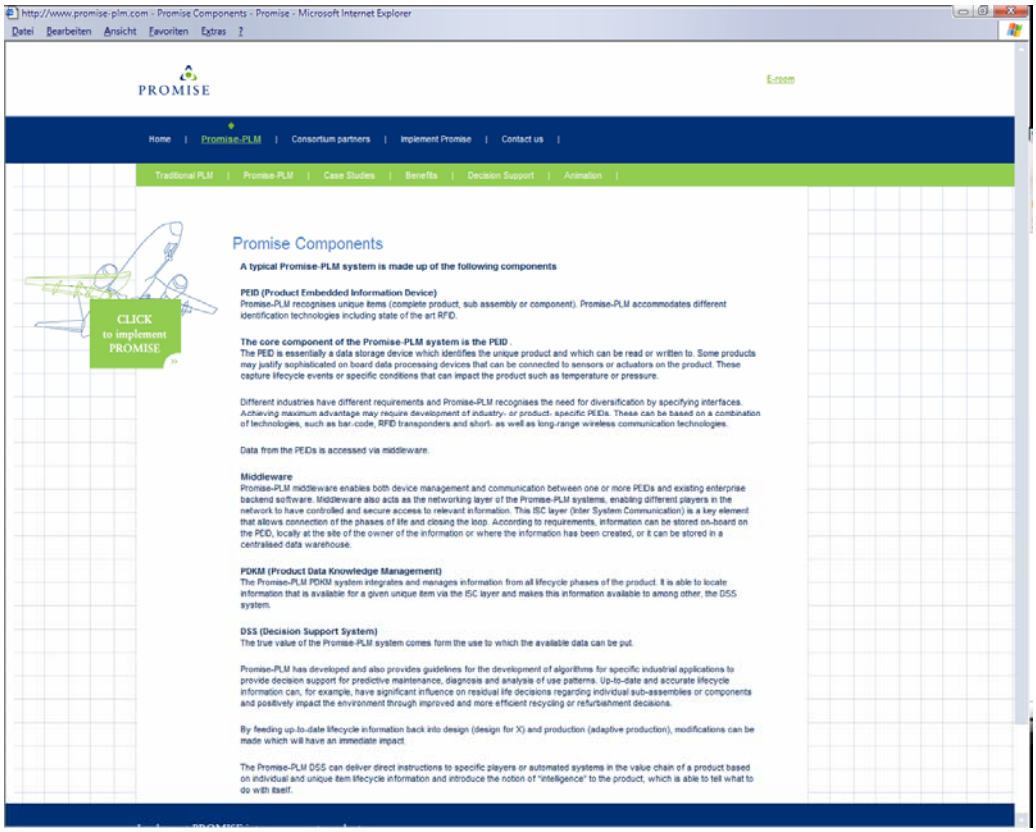

Figure 3: www.promise-plm / components of the PROMISE system