



ENTHRONE Consortium

<http://enthroned.org>

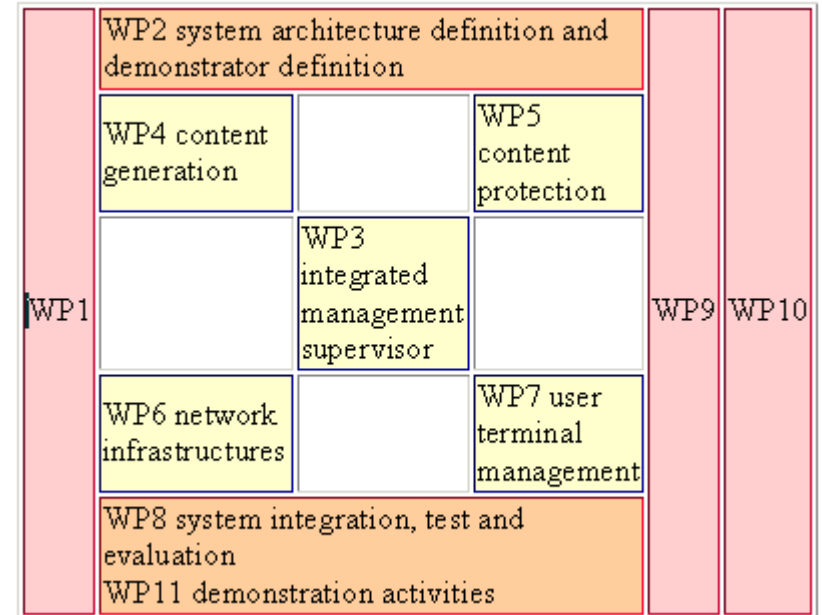
Brussels

14 October 2004



26/25 partners

- THALES BROADCAST & MULTIMEDIA **PRIME CONTRACTOR**
- UNIVERSITY of LANCASTER
- TELEDIFFUSION de FRANCE S.A
- PRISM Lab.CNRS
- INESC PORTO
- OPTIBASE CENTRAL RESEARCH LABS
- CENTRAL RESEARCH LABORATORIES LIMITED **CANCELLED**
- NATIONAL CENTRE FOR SCIENTIFIC RESEARCH DEMOKRITOS
- ECOLE POLYTECHNIQUE FEDERALE de LAUSANNE
- FRANCE TELECOM
- NDS **ISRAEL**
- TEMAGON
- ROHDE & SCHWARZ
- T-SYSTEMS
- INRIA
- THALES RESEARCH and TECHNOLOGY
- bSOFT
- RUNDFUNK BERLIN-BRANDENBURG
- NEC
- CEFRIEL
- EXPWAY
- CITY of METZ
- IRT
- AKELA
- ELECTRONICS AND TELECOMMUNICATIONS RESEARCH INSTITUTE **KOREA**
- UNIVERSITATEA POLITEHNICA DIN BUCURESTI



Standardisation activities

- ✓ Technologies
- ✓ Disseminations
- ✓ Deliverable D36
- ✓ Liaisons opportunities

Technologies vs standards

- Generic digital broadcasting system
- Quality based approach for all performances
- Real quality factors identification
- Widely based on the current existing standards
MPEG, DVB, IP technologies ...
- Main Standardisation desired improvements topics are :
 - Scalable Video/audio (real-time quality negotiation)
 - Metadata (Wide compatibility description and interoperability)
 - Network quality management/infrastructure
 - IPMP IP management
- Roughly the scope of MPEG21
- One major product IMS (integrated management system)

Dissemination opportunity

- ISO TC 37 "Terminology" has met in August in Paris
- On Friday 27th afternoon a dissemination session has take place with the following agenda
 - 14:00 Opening and welcome
 - 14:10 Introduction by Håvard Hjulstad (Chairman of ISO/TC 37) and Christian Galinski (Secretary of ISO/TC 37)
 - 14:30 Demonstration of the "Terminology Standardization Online Tutorial" developed by Public Works and Government Services of Canada as a contribution to ISO/TC 37, by François Mouzard (PWGSC)
 - 14:50 **The TC 37 initiative towards a Data Category Registry**, by Sue-Ellen Wright (Kent State University) and Laurent Romary (Chairman of ISO/TC 37/SC 4)
 - 15:10 **Data Categories (metadata) for the description of multilingual lexica**, by Gil Francopoulo INRIA
 - 15:30 Universal scheme of identification and codification of languages, by Håvard Hjulstad (Standards Norway)
 - 16:20 **Metadata and content description for broadcasting applications in ISO/IEC JTC1/ SC29-MPEG21**, by Nicolas Tondre (Expway, **Enthroné project**)
 - 16:40 The **ISO/IEC JTC 1/SC 36 strategy towards metadata management for e-learning applications**, by Yolaine Bourda (Supelec)
 - 17:00 Presentation of UNESCO's "Information for All Programme" (IFAP) under the topic "**semantic interoperability**", by Axel Plathe (Deputy Director, Information Society Division)

ToC for D36

- 1 EXECUTIVE SUMMARY (AKELA)
 - 1.1. Scope and Objectives
- 2. STANDARDIZATION ISSUES
 - 2.1. Digital distribution standardization information
 - 1.1.1 Context status
 - 1.1.2 Consortium expertise status
 - 2.2. Effective participation and experts involvement
 - 1.1.3 Participation to the standardisation meetings
 - 1.1.4 Expected standardisation results
 - 1.1.5 Liaisons
 - 2.3. IMS Deployment Model based on open standards
 - 1.1.6 Subject summary and fields of application
 - 2.4. Content Management - Generation - Protection (CRL, AKELA)
 - 2.5. IPMP contribution –
 - 2.6. End - To - End QoS Management (TSN, AKELA,CRL)
 - 2.7. Metadata definition –
- 3. REGULATION ISSUES (AKELA)
 - 1.2 Global context
 - 1.3 International or worldwide Organization
 - 1.3.1 Official places
 - 1.3.2 Consortium places
 - 1.4 European dispositions & policy
 - 1.4.1 EC
 - 1.4.2 European Parliament in Strasburg
- 4. CONCLUSION
 - 1.5 Annex I
 - 1.5.1 Enthroned experts list
 - 1.5.2 COPRAS Consortium contribution
 - 1.6 Important issue
 - 1.6.1 Dissemination meeting

Objective of D36

- After the beginning of the project
 - Establishment of some simple life cycle indicators
 - Accredited experts list and involvement activities
 - Experts meeting participation list
 - Consortium life description
- Rating of announced expectations in term of quality measurement
- Involvements highlighting
 - Demonstration of standards use & implementation
 - Direct volunteer contribution to the current major fora
 - Vision sharing avoiding leadership competition

COPRAS meeting



The ENTHRONE Starting point

The main objective of the ENTHRONE project

- to investigate and develop an integrated solution that is able to manage the functionality of various entities in the digital information distribution chain, from content/service generation to user terminals, using heterogeneous networks and based on the end-to-end QoS approach.

The project will bring together a wide range of relevant and complementary concepts and technologies such as

- resources management,
- networks convergence,
- end user terminal interconnection,
- QoS mechanisms,

to achieve the end-to-end delivery of content through heterogeneous networks and terminals.

COPRAS meeting

The critical size of the ENTHRONE partnership is a luck for a good internal standardisation process able to ensure the best level of quality for outputs contributions delivered to the existing standardisation bodies.

- By this way the community gains some stage of investments by owing pre-proved draft based on real existing consensus.
- By aggregating partners able to simulate a market actors relationship such project prepares the dissemination effort to be provided in the later stages.

View of the existing standardisation context

