

My eDirector 2012, Real-Time Context-Aware and Personalized Media Streaming Environments for Large Scale Broadcasting Applications

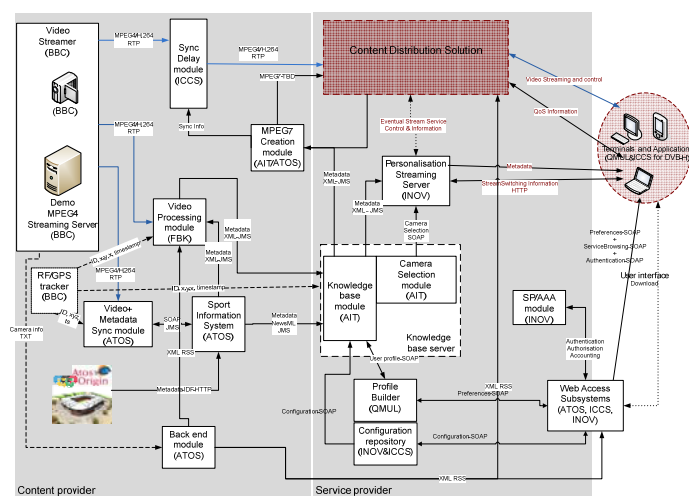
Program/Call Reference, Strategic Priority, Grant Agreement Number, Project Type

FP7- ICT-1-1.5: Networked Media

Grant agreement no: FP7 215248, Small of medium-scale focused research project

Project Objectives

My eDirector 2012 aims to provide a unique interactive broadcasting service enabling end-users to select focal actors and points of interest within real-time broadcasted scenes. Its innovative features are:



- Novel technologies for identifying and tracking “targets” and scenes of interest
- Mechanisms for mapping the low-level semantics to high-level semantics defining rules for user-driven selection of cameras and tailored streaming
- Advanced personalization mechanisms that hinge on the specification of preferences and profiles, and advanced knowledge representation and learning mechanisms for instantiating and

evolving these profiles

- Broadcasting services enabling delivery of personalized streams over a variety of channels and networking infrastructures

Project Starting Date and Duration / Total Cost – Total EU Contribution

1/1/2008, 36 months / 3.745.271 € - 2.758.648 €

AIT’s Role / Principal Investigator

Technology provider / Prof. Aristodemos Pnevmatikakis (apne@ait.edu.gr)

AIT’s Main Work Item

Provide the mechanism for suggesting camera switches to users based on their profiles and the understanding of the context of on-going athletic events. Also, analyze sports videos to reason about events of interest.

Main Partners (7 partners in total)

	Partner Name	Role	Funding
1	ATOS Origin	Project Coordinator	514.636 €
2	NTUA/ICCS	Technical Manager	496.832 €
3	AIT	Video signal processing, knowledge management	365.050 €