



Journée Jeunes Chercheurs MMS de l'INSA de Rennes le 23 juin 2011

Worldwide Digital TV systems - performance measurements

ALAIN UNTERSEE

Collaborative Project Manager

TeamCast, Rennes

DIGITAL TV is a fast moving technology world, which develops in two phases: system definition and standardisation, then commercial deployment.

The first phase is in fact a process which involves multiple actors from the broadcast ecosystem and requires effort and time. With the continuous progress of microelectronics in terms of performances and integration, the first generation systems which were developed in the mid 90's are already challenged by second generation systems.

Based on the results of some standardisation groups and collaborative research projects active in the Digital TV arena, this paper illustrates how the Digital TV systems are developed and deployed worldwide.

It also shows some measurement tools necessary in the validation and deployment phases of such systems.