Session 2: Applications

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ITU-T VICA Workshop
22-23 July 2005, ITU Headquarter, Geneva

Objectives – Session 2

o   Review the evolution of Multimedia applications

o   Impact on the requirements to VICA schemes

o   Impact on standards development

Topics – Session 2

o Many video & image coding applications are well-known and long-established

- Television – entertainment & news
- Web/Internet
- Video conferencing / video telephony
- Digital photography

o We are not going to focus on those

- Because you already know about them!

Speakers – Session 2

o **Thomas Wiegand – HHI**; A. Rapp. Q.6/16
  - H.264 applications status overview

o **Georges Le Goualher – ETIAM**; DICOM
  - Medical applications

o **Michael Horowitz - CoVi Technologies**
  - Video coding technology for surveillance

o **Virginie Carniel - Emitall Surveillance**
  - JPEG-2000 technology for surveillance

H.264/MPEG-4 AVC Application & Deployment Status

ITU-T

o Thomas Wiegand

- Assoc. Rapporteur ITU-T Q.6/16; HHI/Germany

MPEG-2 extends DICOM to new domains (Endoscopy, Microscopy, Surgery)

o Georges Le Goualher

- ETIAM; DICOM

The impact of new and emerging video surveillance technology on future video coding standards

ITU-T

o Michael Horowitz

- CoVi Technologies/USA

Intelligent Video surveillance based on JPEG standards

ITU-T o **Virginie Carniel**

- Emitall Surveillance/Switzerland