

# ITU-T Workshop

## Video and Image Coding and Applications (VICA)

### Abstract

Geneva, 22 – 23 July 2005

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Speaker: Mark Jeffrey  
Microsoft/USA

Session: 3: Digital Video

Title of Presentation: The SMPTE 421M "VC-1" Standardization Project

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The presentation covers the technical design and standardization status of draft SMPTE standard 421M, known primarily as "VC-1". The VC-1 design, based on technology developed by Microsoft known as Windows Media Video version 9, provides an innovative combination of advanced compression capability and relatively low computational complexity. It enables software decoding of high-definition video even on commodity PCs. The presentation also describes related activities, including the proposed conformance plan, the recently introduced reference decoder for VC-1, companion work on a transport binding for MPEG-2 Systems, and examples of some evaluations and adoptions of VC-1 by industry