



PRESS RELEASE

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The EDCINE Consortium Announces the Release of the New "European Digital Cinema Security White Book"

While the transition to digital just has begun, and while technologies, standards and financial models are recently being created, this white book discusses the specific European needs in digital cinema and provides a roadmap for new developments.

Paris, International Digital Film Forum (www.idiff.org) 2008 - The EDCINE research consortium is releasing its new "European Digital Cinema Security White Book" at IDIFF on January 31st, 2008. It gives an insight to digital cinema as it is at this point, analyses the threats for the whole chain and describes new security methods for the European digital cinema landscape.

"The transition to digital cinema is already changing the industry as we know it, and will undoubtedly continue to do so, including in the security field. Security is a difficult area in that, it cuts across many different levels, from legal, financial and organisational to systems design, implementation and testing", said Pr. Benoit Macq, Coordinator of the EDCINE Project.

Although the focus is on Europe, most of the contents apply to other markets. The book begins with a general introduction to digital cinema and security. The European market and its different facets, specificities and uniqueness are then presented, and solutions for the digital cinema industry are proposed. Following a formal security analysis, the requirements and security constraints regarding the complete digital cinema chain are examined. Finally, SMPTE standards and DCI specifications are also described, including work in progress.

J-M Mas-Ribés, the editor of the white book at Université catholique de Louvain, pointed out: *"An important part of security engineering is the analysis of the threats a system must protect itself against and the measures in place to mitigate them. Although threat analysis is usually performed on an existing system (which is not the case in digital cinema), EDCINE bases its analysis on a hypothetical system fully compliant with DCI and SMPTE."*



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About EDCINE

The EDCine project is focussing on the optimisation, enhancement and interoperability issues of JPEG 2000 based Digital Cinema. EDCine will optimise the DCI specifications in quality, robustness to transmission errors, content security, stereoscopic imaging, live events and transcoding for digital archiving and interactive access on various devices. All optimisations will be validated through subjective evaluations with real users in real theatres.

The EDCINE consortium brings together 18 industrial partners and academic institutions involved into the field: Université catholique de Louvain (BE), Thales Communications (FR), Fraunhofer-Gesellschaft (DE), Thomson Technology (FR), TDF (FR), XDC (BE), Digilab2000 (IT), Université de Poitiers (FR), MOG Solutions (PT), Thomson Grass Valley France (FR), Winetworks (IL), Trinnov Audio (FR), University of Perugia (IT), Cinémathèque Royale de Belgique (BE), Communauté Urbaine du Grand Nancy (FR), Deutsche Telekom AG (DE), SmartJog (FR), and Inesc Porto (PT). More information are available at www.edcine.org.