

Automating Production of Cross Media Content for Multi-channel Distribution www.AXMEDIS.org

axmedisinfo@axmedis.org

AXMEDIS DRM and Protection

AXMEDIS technologies reduce the costs of digital content production, protection and distribution. AXMEDIS supports interoperable DRM considering multiple DRM models, open standard DRM MPEG-21 and OMA and integrated and expandable back office management.

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IST-2-511299



Protection Processor

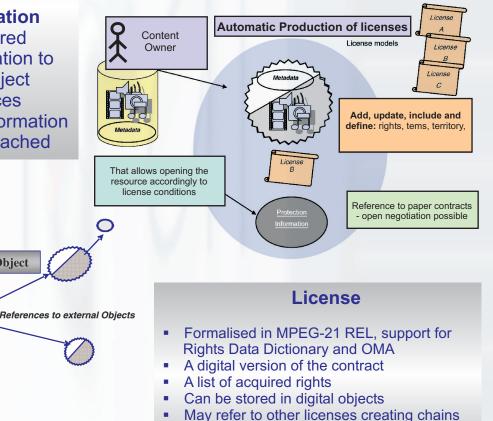
- To allow accessing at the digital content functionalities in a controlled manner
- Who is Authenticated and certified
- To do what is defined in a **license**
- Using technologies to protect content
- Verifying/Control/Supervise activities

License and Protection Information

- Needed to exploit rights acquired
- Authorization provides information to exploit the specific rights of object segment and/or digital resources
- Information and Protection Information located in remote Servers or cached

AXMEDIS Object

- Register and certify AXMEDIS tools such as editors, players, engines, etc., with the AXMEDIS Certifier and Supervisor.
- Detects attacks and defends security
- Protects elements of AXMEDIS objects
- Protection Tools can be customised and delivered as AXMEDIS Plug-ins



Nesting levels of Objects

Protected

Digital Content

Metadata

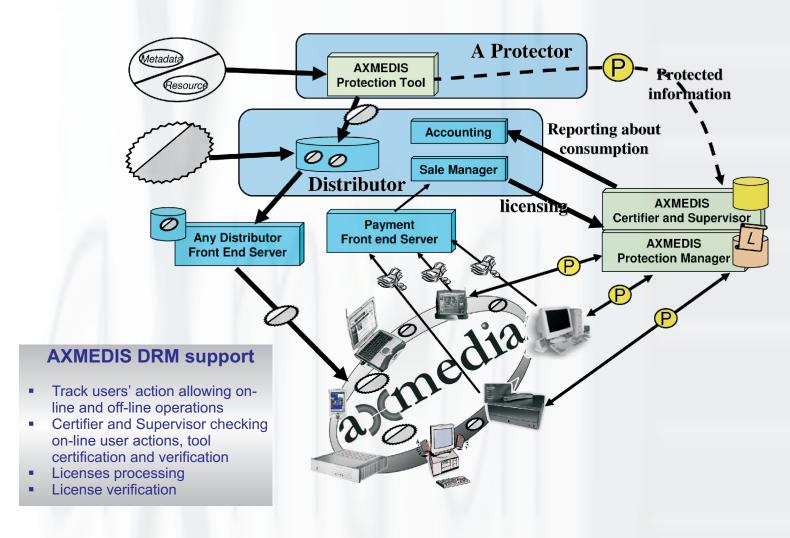
Vetadata

- May be revoked
- OMA MPEG-21 conversions

AXMEDIS Control and Supervision

- Performed by the Certifier and Supervisor and the Protection Manager
- Continuously verifying and certifying tools, device, terminals and users
- Collecting Action Logs (event reports) related to rights exploitation
- Black lists for Users, Tools, Devices/Terminals, Licenses

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AXMEDIS Contact:

Prof. Paolo Nesi DISIT-DSI, Distributed Systems and Internet Technology Lab Via S. Marta, 3 - 50139 Firenze, Italy email: nesi@dsi.unifi.it Tel: +39-055-4796567, +39-055-4796523 Fax: +39-055-4796469 Cell: +39-335-5668674

