

# AXMEDIS

Automated Production of Cross Media  
Content for Multichannel Distribution



## AXMEDIS MOBILE PLAYER USER MANUAL

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- You can contribute to the improvement of AXMEDIS documents and specification by sending the contribution to P. Nesi at [nesi@dsi.unifi.it](mailto:nesi@dsi.unifi.it). You can attend AXMEDIS meetings that are open to public, for additional information see [WWW.AXMEDIS.org](http://WWW.AXMEDIS.org) or contact P. Nesi at [nesi@dsi.unifi.it](mailto:nesi@dsi.unifi.it)

## COPYRIGHT

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## INTRODUCTION

Dear AXMEDIS user,

Welcome to *AXMEDIS Mobile Player User Manual*, the official training workbook for the program that has as main aim to play rich and interactive content on mobile devices.

With this guide, the AXMEDIS team is hoping to help users to play easily AMEDIS objects to show how simple and powerful this tool is.

AXMEDIS is a very complex and complete world and it is very difficult to cover all the aspects in only one manual.

Remember to not hesitate to contact the AXMEDIS team if you need additional information or to point out mistakes in this manual. Also don't hesitate to visit the AXMEDIS portal where you can find many other information regarding the AXMEDIS technology, with many real examples and objects.

## OVERVIEW

This document aim is to describe the User Manuals of AXMEDIS Mobile Player.

## TOOL TITLE

## MAIN FUNCTIONALITIES

The Mobile Player is the AXMEDIS player written to be executed on mobiles phones supporting the Java Platform 8.

The mobile player is able to play mp21 object protected and non protected containing SMIL, 3GP and MPEG-4 resources.

## RELATIONSHIP WITH OTHER TOOLS

None

## DETAILED DESCRIPTION OF THE FUNCTIONALITIES AND SCREENSHOTS

When the mobile player is opened for the first time, it is necessary to start the user registration procedure.

The procedure is similar to the any other registration procedure of any other AXMEDIS tools: the user has to fill-in the registration form by using an Internet connection.

AXMEDIS Registration phase 1

Nickname:  \*

Reference Name:  \*

Company:  \*

Address:  \*

City:  \*

Zip code:  \*

Country:  \*

Telephone:  \*

Fax:  \*

Mobile:  \*

Email:  \*

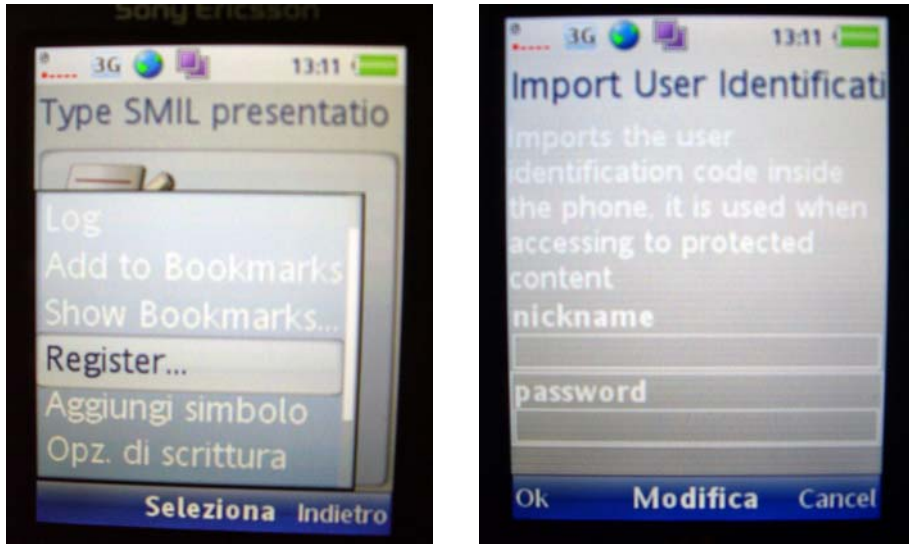
www:  \*

\*: requested  
email will be automatically sent for phase 2.

By clicking the "OK" button the information will be sent and collected by the AXCS and a confirmation email will be sent to the user at the email address specified in the field "Email".

The email received contains an URL to be clicked for the confirmation of the procedure: this is necessary to control the correctness of the specified email address. After the confirmation, another email will be received containing the user certificate (a .p12 file), the AXUID (the ID identifying the user) and a password necessary to import the certificate.

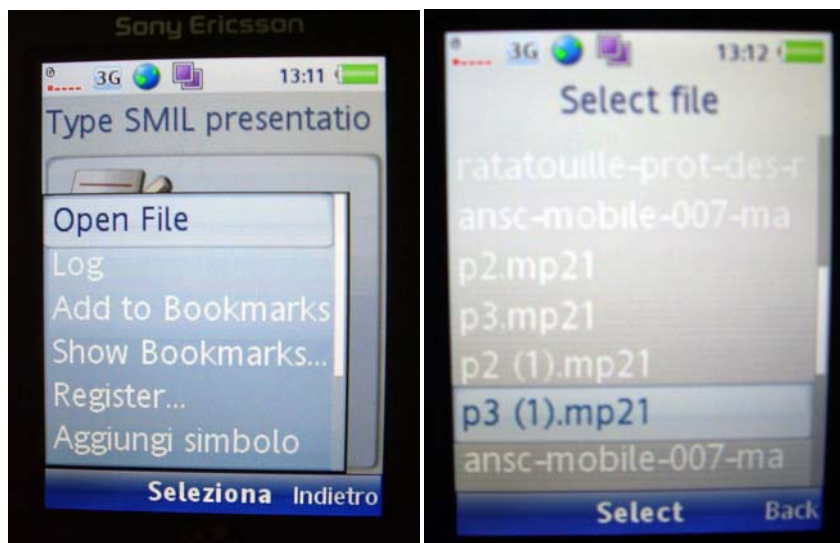
In the menu of the phone it is necessary then to select “Register...” and insert manually the nickname and the password received by email.

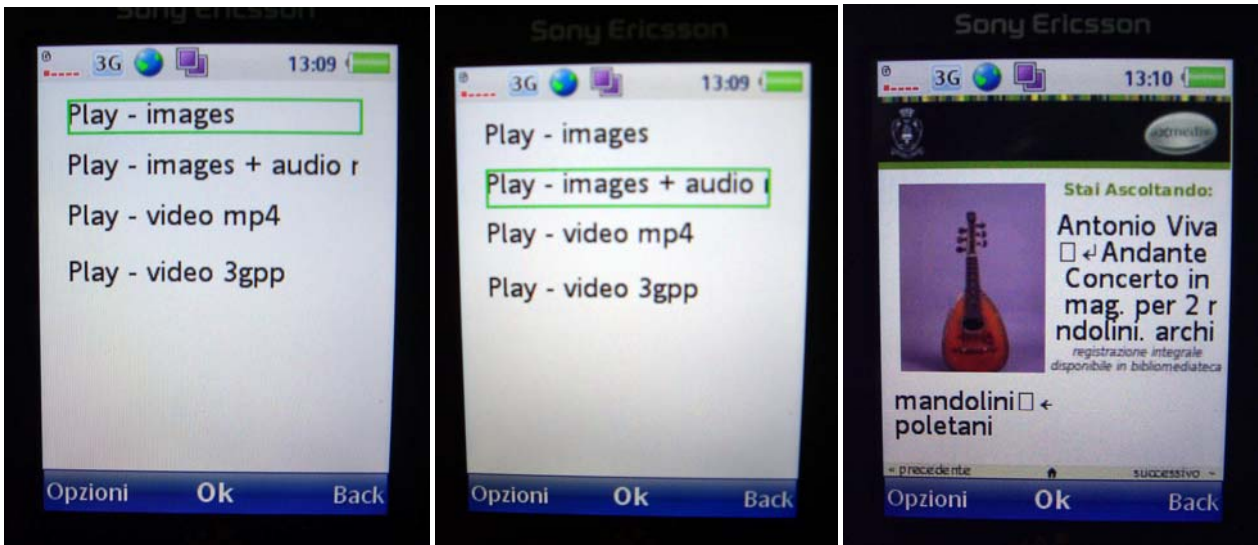


The menu of the mobile player allow to select one of the following options:

- **Open File**, to open an AXMEDIS object stored locally in the phone
- **Log**, to open the log file
- **Add Bookmarks**, to add an URL in the favorites list
- **Show Bookmarks**, to show the list of favorites
- **Register...**, to start the user registration procedure.

The following screenshots show the opening of an AXMEDIS mp21 object stored locally and containing a SMIL presentation.







## REFERENCES AND LINKS

### AXMEDIS TUTORIALS

- General Tutorial and Overview (November 2007, Barcelona, Spain)
  - PPT: [http://www.axmedis.org/documenti/view\\_documenti.php?doc\\_id=3653](http://www.axmedis.org/documenti/view_documenti.php?doc_id=3653)
  - Video on [part 1](#)
  - Video on [part 2](#)
  - Video on [part 3](#)
  - Video on [part 4](#)
  - Video on [part 5](#)
  - Video on [part 6](#)
- Content Production Tutorial (AXMEDIS 2007 Conference)  
[http://www.axmedis.org/documenti/view\\_documenti.php?doc\\_id=3869](http://www.axmedis.org/documenti/view_documenti.php?doc_id=3869)
- Content Distribution Tutorial (AXMEDIS 2006 Conference)  
[http://www.AXMEDIS.org/documenti/view\\_documenti.php?doc\\_id=2666](http://www.AXMEDIS.org/documenti/view_documenti.php?doc_id=2666)
- Content Processing Tutorial (AXMEDIS 2006 Conference)  
[http://www.axmedis.org/documenti/view\\_documenti.php?doc\\_id=3868](http://www.axmedis.org/documenti/view_documenti.php?doc_id=3868)
- Workflow Tutorial (AXMEDIS 2006 Conference)  
[http://www.AXMEDIS.org/documenti/view\\_documenti.php?doc\\_id=2652](http://www.AXMEDIS.org/documenti/view_documenti.php?doc_id=2652)
- [AXMEDIS general overview and content production tutorial, March 2008](#)

### AXMEDIS TOOLS FOR FREE DOWNLOAD

- General download page: <http://www.axmedis.org/documenti/documenti.php>
- AXMEDIS content production tools include:  
[http://www.axmedis.org/documenti/view\\_documenti.php?doc\\_id=3722](http://www.axmedis.org/documenti/view_documenti.php?doc_id=3722)  
Free Download of AXMEDIS Content Production Tools (editor and GRID AXCP tools, PnP, DRM editor, etc.), all what you need to create AXMEDIS objects and process any kind of content automatically: SMIL, HTML, MPEG-21, content adptation,, fingerprint, crawling, indexing, cms, search, retrieval, control of P2P, etc. and much more. See documentation included
- AXMEDIS players for PC:  
[http://www.axmedis.org/documenti/view\\_documenti.php?doc\\_id=3715](http://www.axmedis.org/documenti/view_documenti.php?doc_id=3715)  
AXMEDIS PC player version 1.2 January 2008. Free download, AXMEDIS player, MPEG-21 player, cross media player, SMIL, HTML, MPEG-4 ,etc
- AXMEDIS multiskin player for PC:  
[http://www.axmedis.org/documenti/view\\_documenti.php?doc\\_id=3716](http://www.axmedis.org/documenti/view_documenti.php?doc_id=3716)  
AXMEDIS MultiSkin PC player version 1.2 january 2008. Free download, AXMEDIS player, MPEG-21 player, cross media player, SMIL, HTML, MPEG-4, with different skins available.
- AXMEDIS Active X Player for PC for Web Pages, AXMEDIS .Net Player, MPEG-21 player, SMIL, HTML, MPEG-4, cross media, more than 200 file formats:  
[http://www.axmedis.org/documenti/view\\_documenti.php?doc\\_id=3717](http://www.axmedis.org/documenti/view_documenti.php?doc_id=3717)
- AXMEDIS player plus EUTELSAT OPENSKY client integrated  
[http://www.axmedis.org/documenti/view\\_documenti.php?doc\\_id=3767](http://www.axmedis.org/documenti/view_documenti.php?doc_id=3767)
- AXEPTools: P2P client tool for establishing connection with the AXMEDIS P2P B2B network as Business User:  
[http://www.axmedis.org/documenti/view\\_documenti.php?doc\\_id=3840](http://www.axmedis.org/documenti/view_documenti.php?doc_id=3840)
- AXMEDIA: P2P client tool for establishing connection with the AXMEDIS P2P B2B network as final users:  
[http://www.axmedis.org/documenti/view\\_documenti.php?doc\\_id=3841](http://www.axmedis.org/documenti/view_documenti.php?doc_id=3841)
- AXMEDIS PDA player for Windows Mobiles 5 and 6:  
[http://www.axmedis.org/documenti/view\\_documenti.php?doc\\_id=3842](http://www.axmedis.org/documenti/view_documenti.php?doc_id=3842)  
It is capable to play AXMEDIS objects based on SMIL, HTML, video, audio, MPEG-4 files, etc. AXMEDIS PDA player for AXMEDIS MPEG-21 content including resources with presentations layer based on MPEG-4, HTML and SMIL  
Unzip the file, copy the CAB file and execute it on the PDA
- Collection of Objects for AXMEDIS player for PDA (Jan 2008):  
[http://www.axmedis.org/documenti/view\\_documenti.php?doc\\_id=3748](http://www.axmedis.org/documenti/view_documenti.php?doc_id=3748)

## AXMEDIS TECHNICAL NOTES

- [AXMEDIS Content Model and Tools, Authoring Tools, Players for MPEG-21, PC, PDA, Mobile, STB, PVR, HDR, etc. \(in English\)](#)
- [AXMEDIS Content Model and Tools, Authoring Tools, Players for MPEG-21, PC, PDA, Mobile, STB, PVR, HDR, etc. \(in Italian\)](#)
- [AXMEDIS Content Processing GRID all features listed \(in English\)](#)
- [AXMEDIS Content Processing GRID Tutte le caratteristiche descritte \(in Italian\)](#)
- [AXMEDIS P2P Controlled network all features listed with cases \(in English\)](#)
- [AXMEDIS P2P Controlled network tutte le caratteristiche, con alcune casistiche \(in Italian\)](#)
- [AXMEDIS DRM, MPEG-21 DRM, Interoperable DRM \(in English\)](#)
- [AXMEDIS DRM, MPEG-21 DRM, DRM interoperabile \(in Italian\)](#)
- [Technical note on how to integrate the AXMEDIS DRM into an e-commerce portal and content distribution solution for content on demand and subscription](#)
- [Come integrare AXMEDIS DRM in un portale per la distribuzione di contenuti digitali \(in Italian\)](#)
- [AXMEDIS Show Case, AXMEDIS Mpeg-21 Content distribution via datellite dta broadcast, EUTELSAT OPENSky](#)
- [Technical note on the ELION AXMEDIS content on demand trial and solution, how to exploit AXMEDIS framework to create an cross media content distribution with DRM and automated production, and connection with P2P](#)
- [Technical note on the TEO IPTV AXMEDIS trial and solution, how to exploit AXMEDIS framework to create an IPTV with DRM and automated production, and connection with P2P.](#)

## AXMEDIS SOLUTIONS

- Content Management Automation, AXCP:  
[http://www.axmedis.org/com/index.php?option=com\\_content&task=view&id=94&Itemid=33](http://www.axmedis.org/com/index.php?option=com_content&task=view&id=94&Itemid=33)
- AXMEDIS controlled P2P:  
[http://www.axmedis.org/com/index.php?option=com\\_content&task=view&id=97&Itemid=34](http://www.axmedis.org/com/index.php?option=com_content&task=view&id=97&Itemid=34)
- AXMEDIS production tools and players:  
[http://www.axmedis.org/com/index.php?option=com\\_content&task=view&id=101&Itemid=35](http://www.axmedis.org/com/index.php?option=com_content&task=view&id=101&Itemid=35)
- AXMEDIS DRM, MPEG-21 DRM:  
[http://www.axmedis.org/com/index.php?option=com\\_content&task=view&id=99&Itemid=36](http://www.axmedis.org/com/index.php?option=com_content&task=view&id=99&Itemid=36)
- FAQs: [http://www.axmedis.org/com/index.php?option=com\\_content&task=blogcategory&id=7&Itemid=73](http://www.axmedis.org/com/index.php?option=com_content&task=blogcategory&id=7&Itemid=73)

## AXMEDIS SHOWCASES

- [Content Distribution to Licensed Domains via DVB-T and P2P \(BBC\)](#)
- [Protected Video on Demand Distribution via P2P toward PC \(Tiscali\)](#)
- [Protected Video on Demand \(VOD\) Distribution to PC \(ELION\)](#)
- [Content Distribution via Satellite Data Broadcast \(DVB-S\) to PC and STB \(EUTELSAT\)](#)
- [Content Distribution to Kiosks \(ILABS\)](#)
- [Video on Demand \(VOD\) Distribution to Set Top Box \(TEO\)](#)
- [Content Posting Tool, for Final User content production/publication/DRM \(SIAE\)](#)
- [Variazioni: Enrichment of Cultural Content](#)
- [AXMEDIS Content and Tools: Automatic Production](#)
- [AXMEDIS Controlled P2P Network](#)

## AXMEDIS FRAMEWORK SPECIFICATION

- AXMEDIS Framework [General aspects, Editor and Model](#)  
[http://www.AXMEDIS.org/documenti/view\\_documento.php?doc\\_id=1891](http://www.AXMEDIS.org/documenti/view_documento.php?doc_id=1891)
- AXMEDIS Command Manager [http://www.AXMEDIS.org/documenti/view\\_documento.php?doc\\_id=2686](http://www.AXMEDIS.org/documenti/view_documento.php?doc_id=2686)

- AXMEDIS Object Manager and Protection Processor:  
[http://www.AXMEDIS.org/documenti/view\\_documenti.php?doc\\_id=1972](http://www.AXMEDIS.org/documenti/view_documenti.php?doc_id=1972)
- AXMEDIS Editor and Viewers: [http://www.AXMEDIS.org/documenti/view\\_documenti.php?doc\\_id=2213](http://www.AXMEDIS.org/documenti/view_documenti.php?doc_id=2213)
- AXMEDIS External Editors, Viewers and Players:  
[http://www.AXMEDIS.org/documenti/view\\_documenti.php?doc\\_id=2211](http://www.AXMEDIS.org/documenti/view_documenti.php?doc_id=2211)
- AXMEDIS Content Processing Area:  
[http://www.AXMEDIS.org/documenti/view\\_documenti.php?doc\\_id=1958](http://www.AXMEDIS.org/documenti/view_documenti.php?doc_id=1958)
- AXMEDIS External Processing Algorithms:  
[http://www.AXMEDIS.org/documenti/view\\_documenti.php?doc\\_id=2017](http://www.AXMEDIS.org/documenti/view_documenti.php?doc_id=2017)
- AXMEDIS CMS Crawling capabilities:  
[http://www.AXMEDIS.org/documenti/view\\_documenti.php?doc\\_id=1907](http://www.AXMEDIS.org/documenti/view_documenti.php?doc_id=1907)
- AXMEDIS Database and query support:  
[http://www.AXMEDIS.org/documenti/view\\_documenti.php?doc\\_id=1932](http://www.AXMEDIS.org/documenti/view_documenti.php?doc_id=1932)
- AXMEDIS AXEPTool and AXMedia Tools:  
[http://www.AXMEDIS.org/documenti/view\\_documenti.php?doc\\_id=2718](http://www.AXMEDIS.org/documenti/view_documenti.php?doc_id=2718)
- AXMEDIS Programme and Publication Tools:  
[http://www.AXMEDIS.org/documenti/view\\_documenti.php?doc\\_id=1885](http://www.AXMEDIS.org/documenti/view_documenti.php?doc_id=1885)
- AXMEDIS Workflow Tools:  
[http://www.AXMEDIS.org/documenti/view\\_documenti.php?doc\\_id=1883](http://www.AXMEDIS.org/documenti/view_documenti.php?doc_id=1883)
- AXMEDIS Certifier and Supervisor and networks of AXCS  
[http://www.AXMEDIS.org/documenti/view\\_documenti.php?doc\\_id=1952](http://www.AXMEDIS.org/documenti/view_documenti.php?doc_id=1952)
- AXMEDIS Protection Support  
[http://www.AXMEDIS.org/documenti/view\\_documenti.php?doc\\_id=1882](http://www.AXMEDIS.org/documenti/view_documenti.php?doc_id=1882)
- AXMEDIS Accounting and Reporting :  
[http://www.AXMEDIS.org/documenti/view\\_documenti.php?doc\\_id=1887](http://www.AXMEDIS.org/documenti/view_documenti.php?doc_id=1887)
- [Definitions Terms tables links http://www.AXMEDIS.org/documenti/view\\_documenti.php?doc\\_id=1388](http://www.AXMEDIS.org/documenti/view_documenti.php?doc_id=1388)

#### **AXMEDIS reports on basic enabling technologies**

- Content Model and Managing, MPEG-21, authoring, etc.  
[http://www.AXMEDIS.org/documenti/view\\_documenti.php?doc\\_id=2324](http://www.AXMEDIS.org/documenti/view_documenti.php?doc_id=2324)
- Content indexing and querying:  
[http://www.AXMEDIS.org/documenti/view\\_documenti.php?doc\\_id=2436](http://www.AXMEDIS.org/documenti/view_documenti.php?doc_id=2436)
- Content processing, Composition and Formatting  
[http://www.AXMEDIS.org/documenti/view\\_documenti.php?doc\\_id=2374](http://www.AXMEDIS.org/documenti/view_documenti.php?doc_id=2374)
- Content sharing and Production on P2P:  
[http://www.AXMEDIS.org/documenti/view\\_documenti.php?doc\\_id=2454](http://www.AXMEDIS.org/documenti/view_documenti.php?doc_id=2454)
- Content Protection and Supervision [http://www.AXMEDIS.org/documenti/view\\_documenti.php?doc\\_id=2371](http://www.AXMEDIS.org/documenti/view_documenti.php?doc_id=2371)
- Content Distribution via Internet  
[http://www.AXMEDIS.org/documenti/view\\_documenti.php?doc\\_id=2451](http://www.AXMEDIS.org/documenti/view_documenti.php?doc_id=2451)
- Content Distribution via Mobile  
[http://www.AXMEDIS.org/documenti/view\\_documenti.php?doc\\_id=2442](http://www.AXMEDIS.org/documenti/view_documenti.php?doc_id=2442)
- Content Distribution via Satellite data broadcast  
[http://www.AXMEDIS.org/documenti/view\\_documenti.php?doc\\_id=2313](http://www.AXMEDIS.org/documenti/view_documenti.php?doc_id=2313)
- Usability issues  
[http://www.AXMEDIS.org/documenti/view\\_documenti.php?doc\\_id=2339](http://www.AXMEDIS.org/documenti/view_documenti.php?doc_id=2339)

- AXMEDIS vs [DMP MPEG21 Analysis](http://www.AXMEDIS.org/documenti/view_documenti.php?doc_id=1063) [http://www.AXMEDIS.org/documenti/view\\_documenti.php?doc\\_id=1063](http://www.AXMEDIS.org/documenti/view_documenti.php?doc_id=1063)
- AXMEDIS Framework Infrastructure, guidelines and some tools [http://www.AXMEDIS.org/documenti/view\\_documenti.php?doc\\_id=1391](http://www.AXMEDIS.org/documenti/view_documenti.php?doc_id=1391)
- AXMEDIS Framework Validation and integration [http://www.AXMEDIS.org/documenti/view\\_documenti.php?doc\\_id=2445](http://www.AXMEDIS.org/documenti/view_documenti.php?doc_id=2445)

#### Basic knowledge reports

- User requirements [http://www.AXMEDIS.org/documenti/view\\_documenti.php?doc\\_id=1712](http://www.AXMEDIS.org/documenti/view_documenti.php?doc_id=1712)
- Use Cases [http://www.AXMEDIS.org/documenti/view\\_documenti.php?doc\\_id=1824](http://www.AXMEDIS.org/documenti/view_documenti.php?doc_id=1824)
- Test Case [http://www.AXMEDIS.org/documenti/view\\_documenti.php?doc\\_id=2023](http://www.AXMEDIS.org/documenti/view_documenti.php?doc_id=2023)

#### Content Modeling and Test Cases

- [Content Aspect Specification](http://www.AXMEDIS.org/documenti/view_documenti.php?doc_id=1389) [http://www.AXMEDIS.org/documenti/view\\_documenti.php?doc\\_id=1389](http://www.AXMEDIS.org/documenti/view_documenti.php?doc_id=1389)
- [Content Aspect Specification Appendix](http://www.AXMEDIS.org/documenti/view_documenti.php?doc_id=1670) [http://www.AXMEDIS.org/documenti/view\\_documenti.php?doc\\_id=1670](http://www.AXMEDIS.org/documenti/view_documenti.php?doc_id=1670)
- [Content for Test Cases and Validation](http://www.AXMEDIS.org/documenti/view_documenti.php?doc_id=1393) [http://www.AXMEDIS.org/documenti/view\\_documenti.php?doc\\_id=1393](http://www.AXMEDIS.org/documenti/view_documenti.php?doc_id=1393)
- [Content Selection Guidelines](http://www.AXMEDIS.org/documenti/view_documenti.php?doc_id=1390) [http://www.AXMEDIS.org/documenti/view\\_documenti.php?doc\\_id=1390](http://www.AXMEDIS.org/documenti/view_documenti.php?doc_id=1390)
- [Multilingual Guidelines and Technical Solutions](http://www.AXMEDIS.org/documenti/view_documenti.php?doc_id=1427) [http://www.AXMEDIS.org/documenti/view\\_documenti.php?doc\\_id=1427](http://www.AXMEDIS.org/documenti/view_documenti.php?doc_id=1427)
- [AXMEDIS Editorial Format Guidelines and basic examples](http://www.AXMEDIS.org/documenti/view_documenti.php?doc_id=1394) [http://www.AXMEDIS.org/documenti/view\\_documenti.php?doc\\_id=1394](http://www.AXMEDIS.org/documenti/view_documenti.php?doc_id=1394)

#### AXMEDIS FRAMEWORK DEMONSTRATORS, CASES, TRIALS, FOR DISTRIBUTION ETC.

- requirements and use cases of AXMEDIS ELTEO of the content distribution for DVB-T to STB of Telecom Lithuania, and content distribution of Telecom Estonia [http://www.AXMEDIS.org/documenti/view\\_documenti.php?doc\\_id=2978](http://www.AXMEDIS.org/documenti/view_documenti.php?doc_id=2978)
- requirements and use cases of the 4HOME take up, demonstrators of BBC, TI, SDAE, including domains, AXMEDIS for broadcasting, and OMA integration and distribution [http://www.AXMEDIS.org/documenti/view\\_documenti.php?doc\\_id=2976](http://www.AXMEDIS.org/documenti/view_documenti.php?doc_id=2976)
- Specification final version of Take up AXMEDIS ELTEO for Video on demand, STB, IPTV solutions based on AXMEDIS technology: [http://www.AXMEDIS.org/documenti/view\\_documenti.php?doc\\_id=3096](http://www.AXMEDIS.org/documenti/view_documenti.php?doc_id=3096)
- Integrated CMS integration aspects: [http://www.AXMEDIS.org/documenti/view\\_documenti.php?doc\\_id=2853](http://www.AXMEDIS.org/documenti/view_documenti.php?doc_id=2853)
- Integrated prototype: automated content production and formatting: [http://www.AXMEDIS.org/documenti/view\\_documenti.php?doc\\_id=2939](http://www.AXMEDIS.org/documenti/view_documenti.php?doc_id=2939)
- Integrated Distribution on demand via Internet [http://www.AXMEDIS.org/documenti/view\\_documenti.php?doc\\_id=2951](http://www.AXMEDIS.org/documenti/view_documenti.php?doc_id=2951)
- Integrated distribution via satellite data broadcast: [http://www.AXMEDIS.org/documenti/view\\_documenti.php?doc\\_id=2954](http://www.AXMEDIS.org/documenti/view_documenti.php?doc_id=2954)
- Integrated distribution towards mobiles: [http://www.AXMEDIS.org/documenti/view\\_documenti.php?doc\\_id=2945](http://www.AXMEDIS.org/documenti/view_documenti.php?doc_id=2945)
- Integrated Distribution towards PDA via Kiosks: [http://www.AXMEDIS.org/documenti/view\\_documenti.php?doc\\_id=2944](http://www.AXMEDIS.org/documenti/view_documenti.php?doc_id=2944)
- Content Posting Portal, Content Posting for Final User publication, SIAE Trial presentation:
  - [http://www.AXMEDIS.org/documenti/view\\_documenti.php?doc\\_id=2922](http://www.AXMEDIS.org/documenti/view_documenti.php?doc_id=2922)

- [http://www.AXMEDIS.org/documenti/view\\_documenti.php?doc\\_id=2923](http://www.AXMEDIS.org/documenti/view_documenti.php?doc_id=2923)
- VARIAZIONI project portal: <http://www.variazioniproject.org/>

#### BROCHURES AND PRESS CUTTING (A PART)

- AXMEDIS Project Brochure  
[http://www.AXMEDIS.org/documenti/view\\_documenti.php?doc\\_id=2712](http://www.AXMEDIS.org/documenti/view_documenti.php?doc_id=2712)
- Annual Public Report (2007): [http://www.axmedis.org/documenti/view\\_documenti.php?doc\\_id=3621](http://www.axmedis.org/documenti/view_documenti.php?doc_id=3621)
- Annual Public Report (2006) [http://www.AXMEDIS.org/documenti/view\\_documenti.php?doc\\_id=2471](http://www.AXMEDIS.org/documenti/view_documenti.php?doc_id=2471)
- Annual Public Report (2005) [http://www.AXMEDIS.org/documenti/view\\_documenti.php?doc\\_id=1439](http://www.AXMEDIS.org/documenti/view_documenti.php?doc_id=1439)
- AXMEDIS Project Synopsis [http://www.AXMEDIS.org/documenti/view\\_documenti.php?doc\\_id=1668](http://www.AXMEDIS.org/documenti/view_documenti.php?doc_id=1668)
- Digital Media in Italy presentation [http://www.AXMEDIS.org/documenti/view\\_documenti.php?doc\\_id=1669](http://www.AXMEDIS.org/documenti/view_documenti.php?doc_id=1669)

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- OMA DRM Rights Expression Language version 2 (OMA DRM REL v.2), <http://www.openmobilealliance.com/>
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