Vendors – DGTVi
meeting
Cologno Monzese, 19th July 2004
DGTVi activities

- Published on [www.dgtvi.it](http://www.dgtvi.it) web site Draft D-Book “Compatible DTT receivers for the Italian market”
  - Based on international standards (e.g. DVB, ETSI and EICTA)
  - Focus on interoperability issues
  - Graceful degradation approach
- Request for comments by this meeting
- Foreseen D-Book publication by September 2004
- Same procedure (draft, comments and final issue) for addendum to come afterwards
  - EPG
  - Profile manager
  - Security
D-Book 1.0 highlights

- Front-end
- Remote control
- Service Information
- Network connection (tuning)
- Security
  - MHP Security
  - Conditional Access
  - Smart-card for T-government
Front-end

- Requirements based on AGCOM 216/00/CONS specs plus hierarchical modulation (as required by EICTA too) to support possible future mobile broadcast services
Remote control

- To provide a consistent user experience, mandatory behaviour and labeling of certain keys
- Special care on BACK/EXIT/TV keys
Network connection (tuning)

- Automatic update of broadcasted services vital during the transition phase
- Different types of scan defined (manual full, manual single channel, automatic full)
- Given details constrain only the (minimal) results users should achieve. Specific implementations and extra features are left to manufacturers
Service Information

- Derived from EICTA, the most notable differences being:
  - BAT mandatory to interpret
  - Unique identification of services heavily based on TS_ID, rather than just on ON_ID and S_ID
  - Handling of duplicate services
  - LCN off for the time being
MHP Security

- Standard MHP security framework requested
- Set-up of the relevant PKI by DGTVi starting after summer, with first root certificates issued before the end of 2004
Conditional Access

- No single Conditional Access system has been or is expected to be selected
- Openness to support different CAs is key
Smart-card for T-government

- Lack of standard MHP smart-card API
- DVB activities in this area just (re)started
- Only general requirements set in D-Book 1.0
- DGT Vi is going to issue its own specs by the end of 2004 if DVB ones are late
The following steps

- Conformance to DGTVi profile D-Book specification **on a voluntary basis**
- Terms and conditions for the DGTVi mark release are **under study**, following these principles:
  - The DGTVi mark is NOT a quality mark, but an “interoperability” mark
  - Addendum to D-Book will be treated autonomously
  - DGTVi intends to inform consumers about self-certified receivers (D-Book + addendum)
- OTA arrangements will be treated **separately**:
  - DGTVi intends to identify the most effective approach in order to:
    - Update the installed receivers DGTVi profile:
      - D-Book
      - Addendum
“Controlled self-certification approach” proposal

- Self-certification by vendor
- Use of DGT Vi mark after positive blind test results granted by an independent lab(s)
  - Vendors will be charged for testing costs
  - By the end of December/beginning of January 2005 starting first wave with an independent lab
- Release of DGT Vi mark by end of February 2005
## Manufacturers – DGTVi joint activities road map

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<thead>
<tr>
<th>Activities</th>
<th>Jul ‘04</th>
<th>Sep ‘04</th>
<th>Oct ‘04</th>
<th>Dec ‘04</th>
<th>Feb ‘05</th>
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<td>- Comments collection from manufacturers</td>
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<td>- Setting up procedures for self-certification process</td>
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<td>- Controlled self certification process start up</td>
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<td>- Release DGTVi mark</td>
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