



Teletext Solutions

- HD-SDI support
- Automated Teletext content updates
- Teletext subtitles
- VPS signaling
- Selectable VBI lines



Teletext is still alive!

The HMS Teletext Inserter is a solution for broadcasting teletext.

It generates a teletext carousel from various teletext file formats and inserts it into the incoming video.

Both worlds

The Teletext Inserter works for both uncompressed video sources (SDI / CVBS) as well as compressed video sources (DVB compliant MPEG-TS).

The latest version is also capable of inserting Teletext into HD-SDI signals (SMPTE 2031 and OP-47).

Support of 3rd party teletext systems

The HMS Teletext System is very easy to handle. Using a common teletext editing software you just drop the teletext files on a specified network folder.

The HMS Teletext Inserter immediately recognizes changes in this folder and updates the Teletext carousel.

No hassle with page updates

With the HMS Teletext Generator software, you don't even need to edit your teletext pages manually.

The HMS Teletext Generator merges free design layout template pages with metadata received from a database, XML files or RSS feeds.

In combination with the DiSA database it automatically keeps your program schedule pages up to date including overview pages with links to program detail pages.

With the RSS interface you can include the latest news, weather and flight plan information in your teletext.

Teletext subtitles

The subtitle generator sends subtitle Teletext pages precisely timed according to the video content.

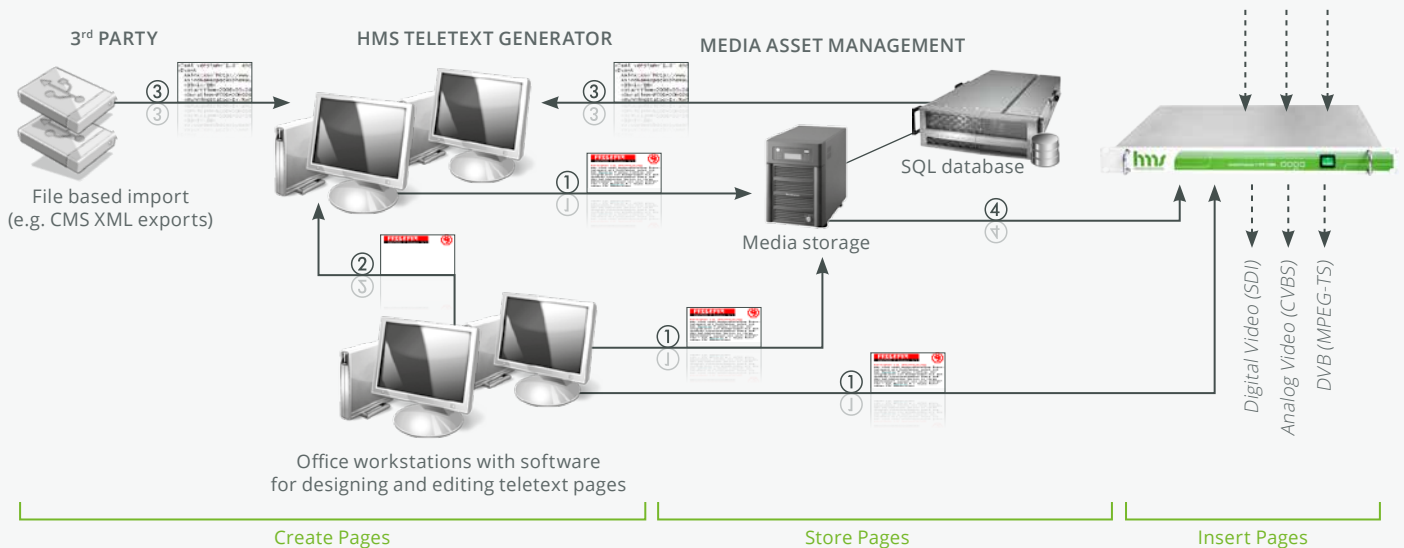


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| Specifications | |
|---|--|
| Video Input/Output | |
| SDI, CVBS, MPEG-TS (DVB compliant) | |
| Hardware | |
| DVB version: | Software-based |
| SDI version: | 1 U server |
| CVBS version: | 5 1/4 case or 1 U case (attached to workstation via USB) |
| Software | |
| Teletext Inserter, Page Creator, Editor | |

- ① The teletext files are stored on a central file server. The file types of various teletext software systems are supported. Alternatively, the files can be sent directly to the HMS Teletext Inserter.
- ② Template teletext files are created and sent to the HMS Teletext Generator.
- ③ The HMS Teletext Generator retrieves raw data (e.g. program schedule information) either from a database or via file import. This data is inserted into the template teletext files. The Teletext Generator recognizes database changes automatically generates new pages.
- ④ The HMS Teletext Inserter watches the teletext folder for updates and automatically adds, removes and updates pages in the teletext carousel. Then it writes the current date and time information into the headline of each teletext page and inserts the pages into the incoming video.

Key Features

- **SD Interfaces:**
SD-SDI | IP | ASI | CVBS
- **HD Interfaces:**
HD-SDI | IP | ASI
- **HD-SDI Formats:**
OP47 | SMPTE2031
- Fully automated Teletext carousel update
- Unlimited number of pages and subpages
- High priority pages for shorter access time
- Roll time of subpages assignable individually
- Subtitle pages
- Free design layout templates
- Date and time insertion with individually assignable colors in headline
- Selectable VBI lines
- Original VBI information on remaining lines can be retained (SDI, DVB only)
- Wide screen signalling (WSS) signals includable (DVB only)
- Video Programming System (VPS) signals includable (SDI, DVB only)
- Data from XML files, database

