

ttX

teletext inserter



DVB-Teletext

Unlimited pages and subpages

SDI Composite

Automated updates

External data import



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.

SDI | Composite | DVB

The Teletext Inserter hardware supports analog video (Composite) as well as digital video (SDI) signals. Additionally, now you have the possibility to insert the Teletext data directly into a DVB compliant MPEG transport stream.

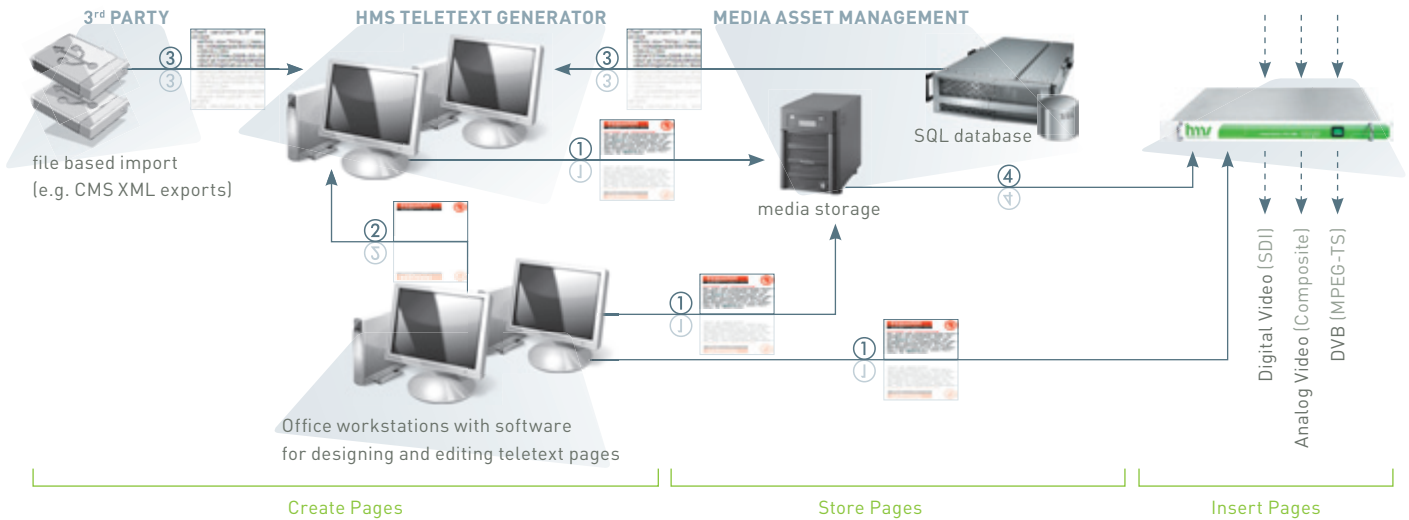
Support of 3rd-party Teletext systems

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 updating pages

With the HMS Teletext Generator, you don't even need to edit your Teletext pages manually. The HMS Teletext Generator is connected to your scheduling database and always keeps your program schedule pages up to date, including detailed program description. It can also read RSS feeds and though include the latest news, weather and flight plan information in your Teletext.

ttx — Workflow Example



- 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)

- Fully automated Teletext carousel update
- Unlimited number of pages and subpages
- High priority pages for shorter access time
- Roll time of subpage assignable individually
- Subtitle pages
- Date and time insertion in headline
- Selectable VBI lines
- Original VBI information on remaining lines can be retained (SDI, DVB only)
- WSS (Wide screen signalling) signals includable (DVB only)
- VPS (Video Programming System) signals includable (SDI, DVB only)

.. Specification

Video format: PAL
 Video input/output: SDI | Composite | DVB compliant MPEG-TS

(Hardware)

SDI: internal
 Composite: internal or 19" case with 1 rack unit
 DVB: HMS TS Mux / HMS VXG-6
 Teletext-Editor: included