

The **SC.MMS Transcoding** platform is used for adaptation of MMS downloaded into subscriber terminals according to the terminals' capabilities.

SC.MMS Transcoding can be installed as an additional module to the **SC.MMSC** platform or used with a third-party MMSC.

Key features

- Format conversion of images, audio and video files (MMS content)
- Scaling of images and videos according to the maximum size supported by the terminal
- Conversion without format changing to maximum reduce of the MMS size supported by a subscriber terminal
- Adjustment of SMIL MMS format
- Deletion of content which is not supported by a subscriber device, if the content can not be converted into a supported format; subscriber notification about the deleted content

The platform supports all content formats popular in MMS:

- Images: JPEG, BMP, PNG, GIF, animated GIF
- Audio: AMR-NB, MP3, WAV PCM
- Video: 3GPP (H.263), 3GPP2 (H.263), MP4 (H.263, MPEG4), AVI (MPEG4), MPEG (MPEG1)

The following formats are also supported as initial ones: WBMP, AAC, MIDI, H.264 and others

Additional Functions

- Conversion of an animated GIF into a static image containing the first frame of the initial GIF
- Conversion of video into a static image containing the first frame of the initial file
- Adaptation of MMS incoming from email
- Support for database of terminal profiles (contains parameters of terminal support of MMS), as well as its regular updating
- Possibility of manual configuration of the settings of adaptation for individual phone models (creation of manual profiles or aliases of profiles)
- Collection of detailed statistics on the volume and structure of the processed traffic
- Storage of MMS processing details

Benefits & advantages

- Support of many formats for conversion
- Easy integration with other systems of a MNO ensured by the usage of standard protocols
- Possibility of integration into third-party MMSC and WAP gateways

Integration scheme

