Society of Cable Telecommunications Engineers

ENGINEERING COMMITTEE
Digital Video Subcommittee

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Digital Program Insertion Splicing API

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Digital Program Insertion Splicing Application Program Interface

1. Scope

This Application Program Interface (API) creates a standardized method of communication between Servers and Splicers for the insertion of content into any MPEG-2 Output Multiplex in the Splicer. This API is flexible enough to support one or more Servers attached to one or more Splicers. Digital Program Insertion includes content such as spot advertisements of various lengths, program substitution, public service announcements or program material created by splicing portions of the program from a Server.

2. References

2.1. Normative references

The following standards contain provisions that, through reference in this text, constitute provisions of this standard. At the time of publication, the editions indicated were valid. All standards are subject to revision, and parties to agreements based on this recommendation are encouraged to investigate the possibility of applying the most recent edition of the standards indicated below, they are reminded that newer editions of those documents may not be compatible with the referenced version.

2.1.1. Normative reference list

[13818-1] ITU-T Rec. H.222.0 / ISO/IEC 13818-1 (2013), Information Technology ---- Generic Coding of Moving Pictures and Associated Audio Information: Systems

[13818-2] ITU-T Rec. H.262 / ISO/IEC 13818-2 (2012), Information Technology ---- Generic Coding of Moving Pictures and Associated Audio Information: Video

[SCTE 35] ANSI/SCTE 35 2014, Digital Program Insertion Cueing Message for Cable; also ITU-T Recommendation - J.181, June 2004.

[SCTE 128-1] SCTE 128-1 2013 AVC Video Systems and Transport Constraints for Cable Television

[SCTE 54] SCTE 54 2009 Digital Video Service Multiplex and Transport System Standard for Cable Television.