



AMWA Application Specification AS-03

AS-03 MXF Program Delivery

- AS-03 specifies MXF optimized for the delivery of finished programming as files for direct playout via a video server.
- AS-03 files are intended to be delivered in their entirety to be cached before playout.
- AS-03 is based on a PBS profile for MXF program delivery.
- The AMWA Application Specifications define a set of rules that constrain a specification—like MXF—to suit a particular use.
- An Application Specification can be further constrained to meet the needs of a user through use of a “shim”.

Questions about AS-03

▶ **Who should use AS-03?**

Program distributors and broadcasters.

▶ **Why use AS-03?**

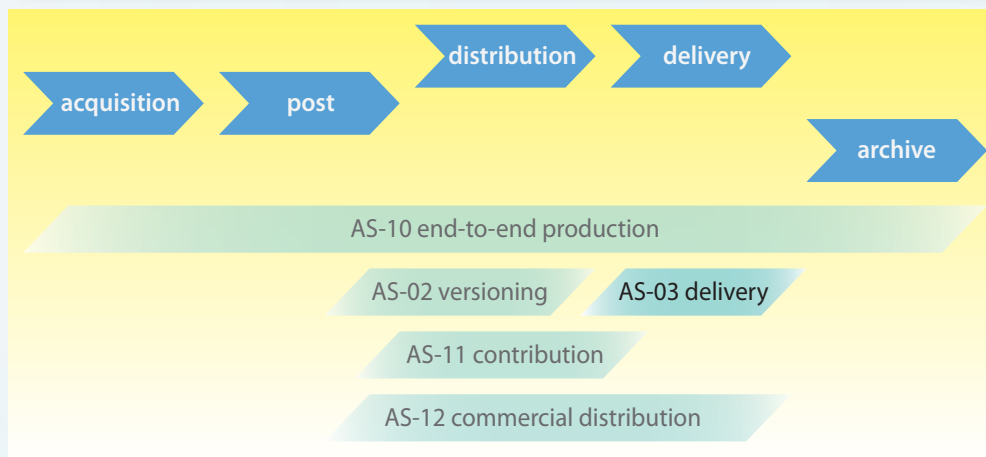
AS-03 simplifies the distribution of programs to multiple destinations by adopting a vendor-neutral file format. Distributors need only create a single file format for transmission to the many and various receiving sites.

▶ **Does a single file constrain the broadcaster?**

The content may be delivered at the ultimate bit-rate, picture format and aspect ratio, or it may be transcoded at the broadcast station to the bit-rates and formats required for particular broadcast channels.

▶ **What codecs can be used?**

AS-03 supports MPEG-2 or H.264 at bit rates up to 50Mb/s. AS-03 can carry PCM audio, AC-3 or Dolby E. It can also carry closed captions and other ancillary data.



If you are interested in this specification, but are not a member of the AMWA, please visit the AMWA web site at www.amwa.tv/join.shtml or contact:

Barbara Main, Operations Manager

Email: barbara_main@amwa.tv

Phone: 1-608-513-5992

www.amwa.tv