

Joint Task Force on Networked Media (JT-NM)

Project Summary:

(A short summary of the project.)

The Joint Task Force on Networked Media has been created to help manage the transition from broadcast infrastructures that are based on specialty broadcast equipment and interfaces (SDI, AES, etc.) to IT-based packet networks (Ethernet, IP, etc.). This effort spans the entire professional media industry and all of its applications including live and file-based. We intend to accomplish this objective by collecting business-driven user requirements, releasing a Request for Technology, and then by publishing the results of a gap analysis between the user requirements and the results of the RFT.

Sponsors:

(Entities that are responsible for the Task Force.)

The sponsors of the Task Force are the European Broadcasting Union (EBU), the Society of Motion Picture and Television Engineers (SMPTE), and the Video Services Forum (VSF).

Vision:

(A statement based in the future, assuming that the effort is successful.)

New business opportunities are enabled through the exchange of professional media, including file-based and live content, across a network taking advantage of the benefits of IT-based technology at an affordable price.

Mission Statement:

(A statement that describes what the effort will accomplish.)

In an open, participatory environment, help to drive development of a packet-based network infrastructure for the professional media industry by bringing together manufacturers, broadcasters and industry organizations (standards bodies and trade associations) with the objective to create, store, transfer and stream professional media.

Objectives:

(The main thing the effort seeks to achieve.)

The primary objective of this Task Force is to identify gaps that exist between user's business driven requirements for a packet-based network infrastructure for professional media, and the responses from manufacturers when queried about their ability to fulfill the user requirements. Other objectives include promoting interoperability in packet-based systems (networking, equipment and software) for professional media. The ultimate objective for the industry is to help manage the transition between broadcast infrastructures that are based on specialty broadcast equipment and interfaces to an agile, on-demand, packet-based network infrastructure designed to support a variety of distributed, automated, professional media (file- and stream-based) workflows for local, regional and global production supporting any format, standards-based, for interoperability to facilitate new workflows and reduce total cost of ownership and to speed-up content time-to-market.

Method & Approach:

The scope of work of the Task Force is as follows:

- Collect business-driven use cases and requirements to help the industry prioritize and to focus efforts. Publish these use cases
- Issue a Request for Technology (RFT) in order to collect information about technology that can be used to meet the challenges posed by the use cases collected above.
- Look for areas where there are unmet user requirements, and publish these unmet requirements as a gap analysis report, along with the complete text of all RFT responses
- Other work items as defined by the above tasks
- Evaluation point: validate that the Task Force has achieved the items in the scope of work above

Based upon the successful accomplishment of the scope of work above, the sponsoring organizations will evaluate industry needs and potential future areas of work.

Out of Scope

The following areas are *Out of Scope* for the Task Force:

- The Task Force will not write standards
- The Task Force will not work on signal processing/transformation
- The Task Force will not define Universal Codecs
- The Task Force will not be an *exclusive* group
- The Task Force will not duplicate work done by other groups