



Human Resources

Job Description

EBU HR position:	Project Engineer – Networks and IT based Media Production Technologies
Professional area:	EBU Technical Department
Reports to:	Director of Technical Department / Department Program Manager

The role of the EBU's Technical Department includes:

- providing assistance to EBU Members;
- provision of timely, accurate and authoritative information on matters such as, different communications networks, media file formats, encoding formats and multimedia systems, IT hardware technologies, production technologies, broadcasting systems;
- participation in the development of standards for all aspects of the media industry and to influence and drive future media technologies;
- coordination of joint technical activities undertaken by, or on behalf of, EBU Members;
- technology investigations in cooperation with EBU Members and external projects
- representing the interests of EBU Members in international groups, such as ITU, ETSI, CEPT, SMPTE, and the international authorities.

The successful candidate will undertake work on a wide range of topics in the domain of content creation, production, and contribution network technology. His/her work will be related to:

- IT and networks, file transfer protocols, protocols and network technologies for compressed and uncompressed AV real time transfers via IP. Knowledge on standards.
- Non-linear storage technologies,
- Network and non-linear-storage design for the specific requirements in professional media/broadcast production environments
- Network management, SLA and QoS
- File formats such as MXF and AAF and technical Metadata. Specific knowledge on standards.
- The candidate must be able to proof a sound basic understanding of baseband and compressed video (SDTV and HDTV) technologies. Experience with audio technology a clear advantage. Knowledge on standards.

Although candidates must have proven working experience in the area of networked TV production technology, it is important that:

- they can identify strategic issues relevant for public broadcasting organisations;
- they are willing to continuously expand their technical knowledge;
- they are sound in project management and strong team-workers as part of the projects led by EBU Members;
- they are able to explain technical matters (and their business implications to a broadcasting organisation) to technical and non-technical people and to present their findings in international conferences and lobbying bodies

Expertise in drafting clear articles and project reports is essential, as is the ability to find creative solutions to technical problems. As almost all of the technical work is conducted in English, candidates must have excellent written and spoken English. Written and spoken French is an advantage (if not willingness to learn French is a prerequisite). The post-holder will provide support and technical guidance, facilitate and conduct technical studies and promote cooperation between EBU Members – for example by initiating and coordinating joint technical activities undertaken by EBU Members. As this job involves representing the EBU in various international committees, occasional travelling away from Geneva will be required.



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JOB CONTENT:

Research, consulting & development:

- Provides in-depth technical advice to EBU Members on network and non-linear-storage design for the specific requirements in professional media production and contribution environments
- Provides in-depth technical advice on file transfer in professional media production environments.
- Specific advice on file formats such as MXF
- Identifies interoperability issues in networked-IT based media production environments related to file formats such as MXF
- Analysis of related standards, driving force in standards activities
- Ability to analyse and formulate technical user requirements in networked and file based media production environments in cooperation with EBU Members
- Ability to work alone or within a team on technology assessments (e.g. finding user requirements) and on educative technology demonstrations

Promotion of EBU Members' interests:

- Promotes the interests of European broadcasters through participation in international meetings, seminars and conferences.
- Participates in external projects.
- Contributes to international seminars and workshops.
- Provides tutorial presentations to EBU Members.
- Miscellaneous:
- Assists and lead in the preparation and organization of EBU seminars and workshops.

Reporting:

The successful candidate will report to the Technical Director for personnel matters, and to one of the Department Program Managers appropriate to the project.

QUALIFICATIONS REQUIRED:

Education: Master degree in engineering or related subjects (or equivalent)

Knowledge:

- Fluency in English both oral and written, French is an advantage
- Excellent communication skills, oral and written
- Proven expertise in computer programming
- Good knowledge of mainstream software packages (e.g. Microsoft Office)
- Practical experience of EBU or ITU or SMPTE activities are desirable

Experience: At least 3-5 years' experience in the field of media technology, preferably with a TV broadcaster or Media research institute.

Application requirements: at least three reference letters shall be provided.

Please send your CV and reference letters **by Friday 31 July 2009** to: auer@ebu.ch

For any further information on the position, please write to: hoffmann@ebu.ch