Date: Tuesday, April 27th, 2010
Time: 19:00
Location: Télé-Québec – Studio 2
1000, rue Fullum, Montreal
Subject: - IP based ATSC signal distribution – a Télé-Québec project
- Current TV

La distribution d’un signal de télévision numérique ATSC sur IP

By September 1st, 2010, all of the off-air broadcaster will have to broadcast in digital mode (ATSC). Until then, these broadcasters will be allowed to broadcast in digital at reduced power while maintaining their analog service. During this period, Télé-Québec will operate two transmitters: one in Montréal and one in Québec City.

For the Québec transmitter, Télé-Québec has decided to use an IP distribution technology to distribute its ATSC signal between its broadcast center in Montréal and the Québec Complexe G transmitter location.

This presentation will cover the equipment used, the IP technology and the many issues solved while implementing this new distribution. The IP link being presently bi-directional we will be in a position to witness the Quebec transmitter return on a monitor.

Mr. Marcel Landry and Mr. Mohamed Kraimeche will be our hosts for this presentation.

Mr. Landry is technical director in charge of new technology and technical support at Télé-Québec. He has been deeply involved in Télé-Québec digital transition as he designed the first digital studios and was recently at the heart of the new Télé-Québec SD/HD broadcast center.

Mr. Mohamed Kraimeche is an IT project manager at Télé-Québec. He was responsible for the design of the architecture and infrastructure of the IP network for Télé-Québec SD/HD broadcast center. He was previously involved in the planning and implementation of Tele-Québec IP based telephone system.

This presentation is a logical follow-up on a previous Télé-Québec presentation, which covered the society new SD/HD broadcast center, as it covers the distribution of its digital signal to the Quebec based transmitter.

Current TV

Current TV is a multi-platform television network founded by ex vice-president All Gore. Originally started to democratize information distribution, this network is extensively based on the citizen/journalist with its VC2 program (Viewer Contributed Content).

Mr. Stéphane Savard designed and implemented most of Current TV technology platform in the US as well as the UK and Italy. Primarily as a consultant but closely linked to the California based office between 2004 and 2009, he closely worked with the creative team in order to create original and unprecedented solutions to meet the unique needs of this business model.

Amongst the technologies used at Current TV: centralized editing and broadcast center (SAN and NAS), graphics dynamic rendering, converged international network, and intensive use of Apple, tele-production and self-operation.

Tonight’s presentation will be of the interactive type, allowing a better coverage of the subject based on everyone’s participation.

Mr. Garant is a consultant for his own company "SavardFaire.tv".

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