



## **NEWS RELEASE**

# **Radio France Harnesses Power of IP With Innovative Telestream Monitoring**

*PRISM and Inspect 2110 together create unique integrated monitoring solution for hybrid SDI over IP and ST 2110 environments with broad & deep analysis*

**Nevada City, California, October 6, 2021** — French national broadcaster – Radio France – has announced the successful integration of Telestream monitoring and test & measurement equipment within its core broadcast infrastructure. A combination of Telestream's PRISM waveform monitors and Inspect 2110 monitors has enabled Radio France to safeguard hybrid SDI over IP and ST 2110 environments throughout a major technological migration at the radio broadcaster.

2017 saw the starting point of this technical revolution within Radio France where the broadcaster needed to radically change its legacy MADI audio switching technology. Simultaneously, SMPTE released the ST2022-6 and ST 2110 standards, which includes PTP for timing accuracy. This was seen as the key catalyst for change. Throughout Radio France's six decades of operation, it is only the fourth change - each time it has been a major technology change.

In this major technology transition project, Radio France is using Inspect 2110 and PRISM to monitor its entire network. PRISM is positioned at the end device, using ST 2022-7 (connected to both networks) and Inspect 2110 monitors all the broadcast network. Inspect 2110 is employed to monitor the key programs: it provides an overview of all streams, while PRISM can be accessed through the Inspect 2110 user interface (UI) for in-depth analysis when required.

"Our intention is to invest for the future and not use a legacy technology," commented Etienne Roulette, Project manager at Radio France. "This is part of the digital plan for Radio France and the main key driver for this change is Remote Production. 2017 was the starting point, Trials and Proof of Concept (POC) in 2018, Tender in 2019. Ready to be on air later this year.

"It has been a long path with lot of learning," explains Etienne Roulette. "As broadcast engineers, it is not always obvious which is the best way to integrate Audio-Video in an IT environment. That's a new experience in terms of both operations and security."

When any broadcaster makes such a bold leap into future technology it is essential that it maintains a good understanding of how its workflows and networks are functioning. To this extent, system monitoring across the network is essential along with precise timing. “As 2110 is a new technology it is an essential pre-requisite to have an effective and efficient monitoring solution,” explains Pierre Gras, Audio-Video Engineer at Radio France. “We need to be 100% sure of the robust operation of the data stream across our national network. We needed a technology partner that understands our special requirements and Telestream is the best fit for our needs.”

Historically, instruments such as spectrum analyzers and waveform monitors have lived inside media production and distribution facilities while network diagnostics and troubleshooting tools have lived in IT data centers and elsewhere. As broadcasters and content creators move from legacy SDI to hybrid IP, and more recently to SMPTE ST 2110 mezzanine or un-compressed video, audio and data, new and expanded audio-video quality assurance and monitoring tools are required. These guarantee that creatives can take advantage of current and emerging options to enhance live production and make more efficient use of video and audio assets.

This is exactly what Telestream achieved by adding a 40+-year Tektronix Video pedigree in SDI video and waveform analysis with a 20-year IneoQuest track record in video-over-IP quality assurance and distributed monitoring into the Telestream family. Combining both broad and deep analysis and monitoring of live content is achieved by combining Telestream’s PRISM and Inspect 2110 offerings. This combination provides the only integrated solution for monitoring hybrid SDI over IP and ST 2110 environments that require both broad and deep analysis.

Having been used throughout Radio France’s POC trials, Etienne Roulette believes that the Telestream monitoring solution enables the broadcaster’s team to work more effectively. “It is so easy to access the information and monitoring data that we need remotely both from PRISM and Inspect 2110,” he explains. “We are much more efficient in our daily work.”

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## **About Telestream**

For over 20 years, Telestream® has been at the forefront of innovation in the digital video industry. The company develops products for [media processing and workflow orchestration](#); live [capture](#), [streaming](#), [production](#), [video quality assurance](#), [archive](#) and [content management](#); and [video and audio test solutions](#) that make it possible to reliably get video content to any audience regardless of how it is created, distributed or viewed. Telestream solutions are available on premises or in the [cloud](#) as well as in hybrid combinations. Telestream is privately held with corporate headquarters located in Nevada City, California and Westwood, Massachusetts.

For company and product information, visit [www.telestream.net](http://www.telestream.net).

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