Uncompressed HDTV on Tiled Display Wall and 10-Gbps High-Accuracy Distributed Network Monitoring

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Uncompressed HDTV on Tiled Display Wall

Osaka University and NTT have developed an uncompressed HDTV streaming system for a tiled display wall. The system can receive HDTV streams from the NTT i-Visto system.

NTT has also developed a protocol converter, which enables interoperation between i-Visto and iHD1500 developed by the University of Washington.
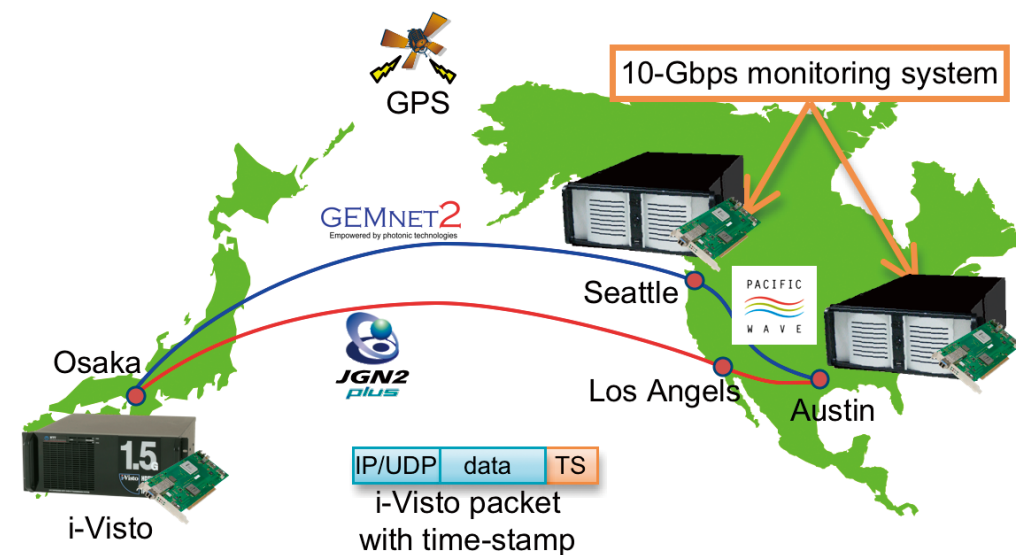
NTT promotes standardization of the protocol to facilitate the wide-ranging use of uncompressed HDTV transmission.
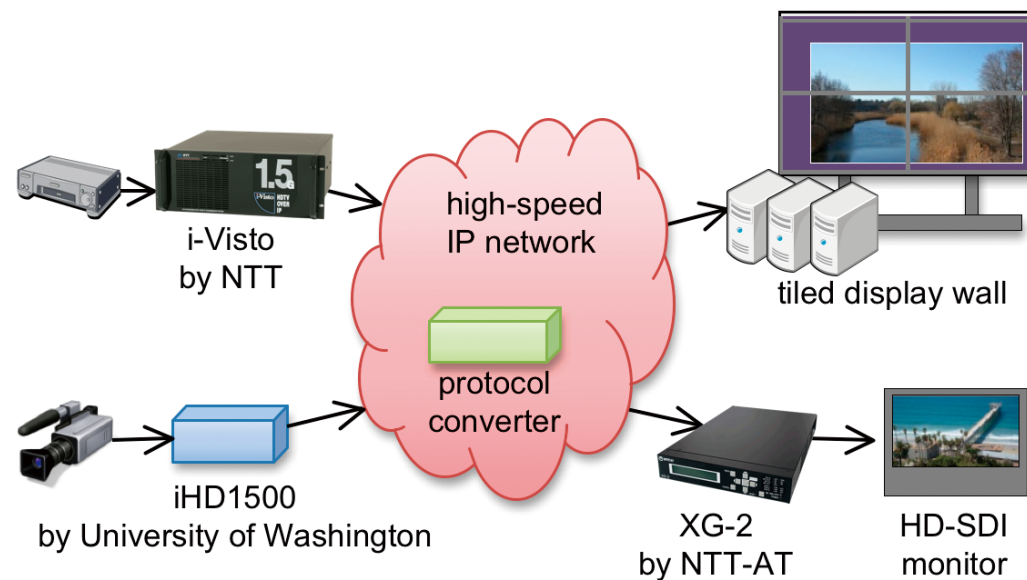
10-Gbps High-Accuracy Distributed Network Monitoring

NTT has developed a 10-Gbps network interface card with high-accuracy traffic-measurement capabilities, which enables distributed network monitoring systems using an application-coexistent monitoring scheme.

In this booth, we demonstrate the measurement of traffic burstiness and delays using 100-ns fine-resolution packet time-stamps appended to i-Visto streams. The characteristic differences are shown on two different networks from Japan to the United States using deployed systems in Seattle and Austin.