

CASE STUDY

About LTN

LTN Global Communications has revolutionized the video transport industry with an innovative, IP-based live video delivery service that meets or exceeds broadcast quality standards.

LTN's service has been widely adopted by major broadcasters, media companies, content creators and owners.

LTN's unique, patented technology was designed to combine the reach and flexibility of the Internet with the quality and reliability of a private network.

The network enables live video delivery with consistent low delay and high quality, with 99.999% reliability, on a global scale.

For more information, please visit www.LTNGlobal.com.

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Disney/ABC Television Group

When the Disney ABC TV Group (DATG) needed to provide broadcast quality, high throughput backhaul transmission of over 200 local ABC affiliates, they turned to LTN Global.

ABC wanted to provide the highest quality, lowest latency, mezzanine contribution feeds of its entire affiliate footprint into centralized processing points and "meet me rooms" for the numerous OTT platforms which were carrying the live channels.

Dubbed the "virtual transponder" by DATG, LTN's flexible IP transport network and high quality LEAF encoder provided the perfect solution.

The LTN LEAF combines low latency, MPEG 4 encoding with up to 16 audio channels, closed caption, advanced audio handling features, and SCTE pass-through with patented access technology to LTN's high performance MPEG transport stream multicast network.

LTN's fully managed network carries each ABC station at 20 mbits and under 300 milliseconds of latency end to end. This enables DATG to have the highest quality origination feed to centrally process each channel before handoff to various OTT platforms such as Hulu.

LTN gives DATG the ability to start with broadcast quality MPEG transport versus legacy systems that transcoded the content locally to file based streams such as HLS. This enables the aggregation of all affiliates at the highest quality possible and provides additional services such as program replacement, centrally, downstream, ahead of the OTT Platforms.

LTN began the process of activating the ABC affiliates in mid September. To date, over 170 stations are being managed by LTN's lossless, high quality delivery network and 24/7 operations center.

"With over 200 stations having varying bandwidth and multiple Internet service providers, a wide range of audio configurations and digital program markers, the LTN team really stepped up to the challenge and met every milestone DATG set," said Chris Myers, EVP, Business Development at LTN.