



About Us

DTAGS® offers video encoding and decoding services, combined with monitoring and quality control, to provide the broadcast and media industry with the most reliable remote HD solutions. Encoding and decoding services are available at any desired location, enabling the compression of digital video in addition to video multiplexing via satellite or terrestrial transport. DTAGS on-site monitoring and quality control capabilities enable a unique opportunity to troubleshoot the remote transmission from various points of origin. Each of these services is tailored to fit individual customer requirements, creating an extension of their overall operational capabilities.

Products and Services

- **HD and SD Encoding**
- **HD Decoding**
- **Video Multiplexing**
- **ASI to DS-3 Conversion**
- **Monitoring and Quality Control**

HD and SD Encoding and Decoding

DTAGS provides fully managed remote HD encoding and decoding solutions that enable customers to compress both HD and SD signals for transport over fiber and satellite infrastructures. The codec equipment utilized for these services is fully redundant and securely mounted in a custom, shock-mounted, transportable case that is shipped to each event. As part of the solution, DTAGS also provides qualified, on-site video engineers who configure the equipment to meet customer specifications, test transmission signals with customer operations personnel, and remain on-site throughout the transmission.

Service Specifications

- Redundant Tandberg E5788 & E5782, 4:2:2 HD/SD Encoders
- Redundant frequency agile QPSK/8PSK modulators
- BISS
- IF / L-Band modulation outputs
- Redundant Tandberg TT6120 for ASI to DS-3 Conversion
- Audio:
 - Dolby® E and Dolby Digital® (AC-3) 1-5.1 pass-through
 - MPEG Layer II Audio and Dolby Digital® (AC-3) encoding
- Data insertion supporting RS-422 and RS-232
- Redundant Tandberg TT1282 Receivers with QPSK/8PSK Input



Products and Services

Video Multiplexing

DTAGS remote units are equipped with video multiplex and re-multiplex technology. This technology allows customers to maximize the use of a 270Mbps transport by consolidating multiple video streams onto a single transport.

Monitoring and Quality Control

Unlike any other remote transmission provider in the industry, DTAGS has equipped the remote units with technology to proactively monitor and log various components of the remote transmission operation, including those outside of the DTAGS unit. This product is an invaluable tool for on-site operations, as DTAGS provides customers with the ability to proactively identify and troubleshoot potential issues before they become problems.

Capabilities of the Monitoring System

- Receive multiple video inputs from various sources for a side-by-side display on a single monitor and captured for review and analysis throughout and following the event
- Transport stream/signal analysis
 - Monitors an MPEG-2 transport stream and the Program Specific Information contained within it.
 - Monitors Bandwidth usage of each PID
 - Assignment of alarms at various values
 - RF carrier frequency/level
 - Signal to Noise Ratio (SNR)
 - Bit Error Ratio (BER)
 - DVB compliant
- Transport stream capture
 - Capable of capturing and exporting the transport stream for later analysis
- Audio monitoring
 - Audio monitor with Dolby-E decoder

Equipment Rental

- Video Encoding Equipment
- Video Decoding Equipment
- Video Monitoring Equipment

CONTACT **DTAGS** FOR PRICING AND AVAILABILITY.

Sales & Customer Service

918.398.0061
918.398.0546 | Fax

Web Resources

WWW.DTAGS.TV

All services subject to availability.

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