

Satellite System Capabilities

- Satellite distribution of media assets to an unlimited number of receivers.
- Uplink control of individual receivers for on/off times, day parting, advertisement insertions (national, regional, and local).
- Receiver support for advanced compression formats:
 - Audio: AC3, AAC, WMA, MP3
- MCPC with DVB or custom transport format.
- QPSK or 8PSK modulation format
- Standard and custom encoders and multiplexers.

Uplink General Specifications

- 16 to 240 mono channel capability via Antex MPEG multiplexer.
- Internal power supply
- Complete redundancy available
- Hot-swappable 8-ch channel cards
- Antex designed and built.
- Embedded hardware design for reliability.
- RS422 output for each channel. Dedicated ad/message playback devices based upon Antex Media Director technology and managed directly by Antex SMS.
- Transport stream multiplexing and data scrambling.
- GPS clock reference.
- All proprietary and sourced hardware integrated, tested, and installed by Antex technicians.

Internet Enabled Hybrid Systems

All of the above, plus:

- Guaranteed content delivery via on-premise store-forward device.
- Further reduced bandwidth requirements
- Return communication channel for proof of performance and status monitoring
- Local insertions over broadcast feed.
- Individually programmable units to allow customized daily and hourly programming

Antex Satellite Solutions

Media Direct Private Satellite System

Customized Audio Distribution/Playback



The Antex Solution

Whether it's music, messaging, data, or live and emergency announcements, Antex provides everything you need for your customized in-house or outsourced media delivery and playback solution. The Antex Media Direct Private Satellite System includes broadcast and playback hardware, media management software, and a customized system design tailored to meet your specific private broadcast requirements.

Designed for businesses currently in need of a satellite music/advertising system and for customers in locales where traditional terrestrial, microwave, or internet based delivery methods are not feasible, the Antex private satellite network system provides a truly cost effective, highly-featured, and easily managed alternative for expanding existing private multi-channel satellite systems, or developing new turn-key uplink/downlink systems from the ground up.

Audio Uplink

Drawing from a long history of providing professional Satellite receivers and multiplexers to the commercial audio industry, the Media Direct Private Satellite System is a complete uplink system encompassing all aspects of the software and hardware required to encode, multiplex, scramble, and modulate music and/or messaging channels for final signal uplinking. Antex's proprietary software and multiplexer hardware, coupled with name-brand uplink hardware and Antex's own family of compatible DR500-series receivers, the Media Direct system is truly a turnkey solution.



