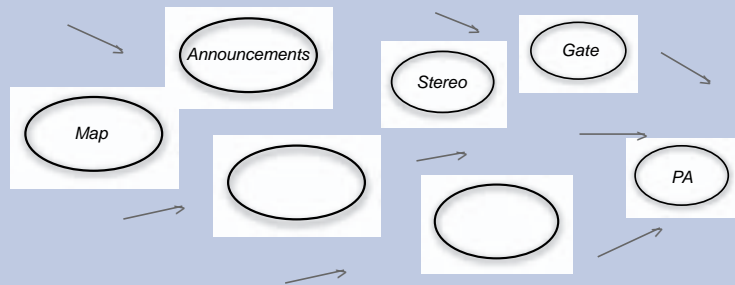


Integrated Airborne TV System

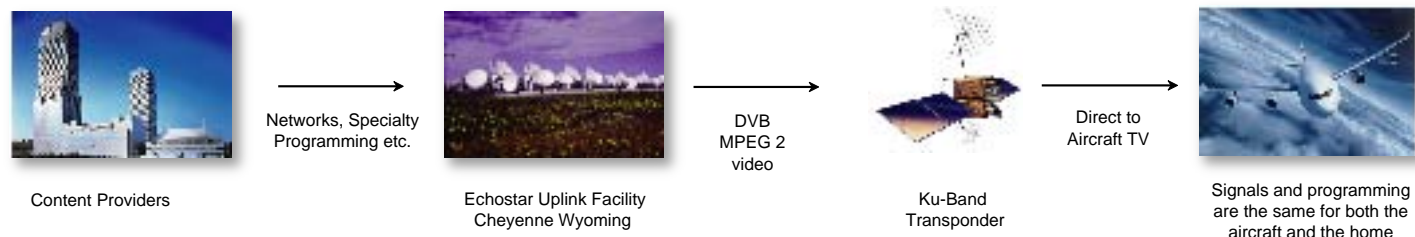
The Age of Digital TV has Arrived



Airnet Media Appliance

- > Moving Map
- > 8 Stereo audio program channels
- > 2 independent video outputs with dual language capability
- > All digital media with 50 hours of content storage
- > Text & graphics overlay capability including TV
- > Live Dish Network™ TV
- > Single analog video input
- > Small lightweight 4 MCU package
- > Total system power under 100 watts
- > Fully automated with ITAN'S Virtual Flight Attendant™

Airnet DBS TV Using a Common Infrastructure



System Advantages

- > Extended Service Life
- > High Reliability
- > Highest Picture Quality
- > Compatible with all existing IFE Systems
- > Eliminates Costly Programming Distribution

For more information visit us at [www.intheairnet.com](http://www.intheairnet.com) or call 949.442.2300



Making Content Fly™

AIRNET DBS TV SYSTEM



24 channel AirNet DBS TV System

Lowest profile antenna/radome

Advanced satellite tracking

High performance antenna

Digital/Analog receiver



Making Content Fly™

## Airnet TV Components



Antenna and Radome

### Smallest Envelope Available

- > Patented Luneburg Lens
- > Lowest profile available (5.22" high x 27.5" diameter)
- > Lowest weight 54lbs
- > Lowest power 40 watts
- > Achieves 19 to 85 degrees elevation coverage
- > Maintenance free design
- > Manufactured by Datron flying on over 20 737's



Advanced Digital Receiver

### Compact Digital Receiver

- > Smallest available airborne TV receiver
- > Size standard 4 MCU package
- > Weight 12lbs, Power 105 watts
- > Higher signal availability, faster satellite acquisition
- > Excellent regional signal transitions
- > Modular design configurations
- > 6 independent channels per 4 MCU package
- > Dual streaming digital and standard analog video outputs
- > ITAN "authorized" Echostar receiver design for airborne use

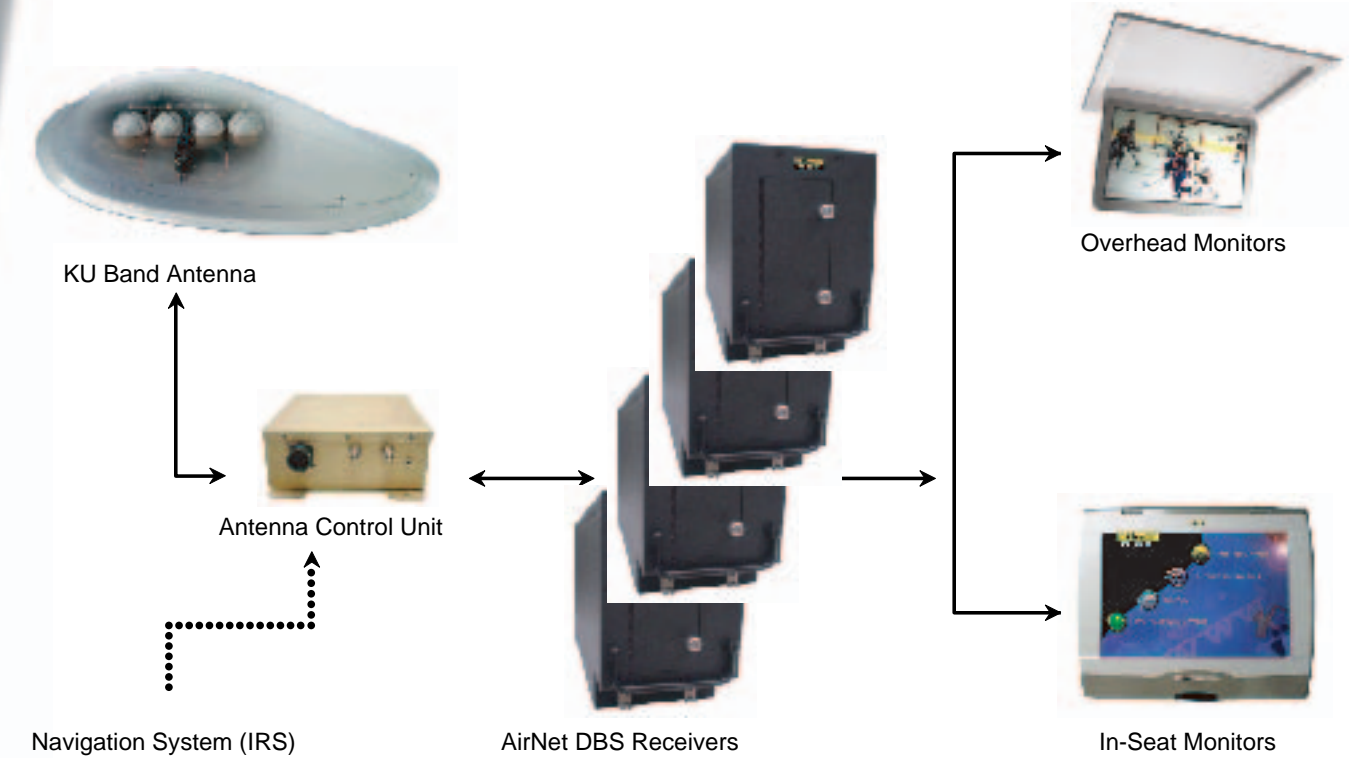


Antenna Control Unit

### Accurate Steering

- > Small lightweight package
- > Size Approx 7" x 6" x 3"
- > Weight 5 lbs, Power 7 watts
- > Capable of operating in extreme environmental conditions
- > Advanced steering and multiple satellite tracking software
- > 10/100 Ethernet interface for Bite/Status/Control
- > Self-alignment for easy installation of antenna

## 24 Channel TV System Architecture



### Features

- > Total TV system (24 channels) weight less than 120 lbs
- > Total TV system power < 450 watts
- > Total number of units
- > (1) Antenna
- > (4) 4MCU TV receivers (for 24 channels of television)
- > (1) Antenna Control Unit
- > Standard rack mount LRU's
- > Single hole penetration antenna installation
- > Automated self-alignment of antenna
- > Turn-key installation package and certification