

# THALES



## TopSeries AVANT™ In-Flight Entertainment and Connectivity System

Acclaimed for its unequalled efficiency and optimized performance, the TopSeries AVANT™ system wraps an abundance of advanced technology into modern day packaging inspired by reliability, simplicity and the passenger experience.

### Advanced Performance

Accelerated Speed / High Definition /  
Increased Capacity

### Seat-Centric Design

Fully Adaptive to Personal Devices /  
Local Content Storage / Advanced Reliability

### Extensive Capability

Android™ Applications with TouchPMU / High Fidelity  
Digital Audio Sound / Precise Navigation Control

### Globally Connected

Extensive SATCOM Experience /  
Progressing toward KA Band / Flexible Partnerships

### Solid Credibility

Core Competency in Aerospace / 5 Star Customers  
Innovative Installation with multiple seat manufactures



## Specifications

# TopSeries AVANT™

### SYSTEM ARCHITECTURE

- Target weight and power reduction of 30% compared to the previous TopSeries system.
- No seat electronics box required.
- Full laptop power capable.
- Includes new solid state entertainment servers at the head-end providing redundancy and no single point of failure.
- Each server supports high definition video and offers up to 2TB capacity with streaming video to 150 passengers (MPEG 4).
- Digital Servers can act as communications server for the TopConnect™ connectivity sub-system.

### BRILLIANCE AT THE SEAT

- Innovative, highly integrated seat design.
- No Passenger Control Units or peripheral cables required.
- Modular seat display construction accommodates personal electronic devices, credit card reader and integrated passenger services.
- Award winning Touch Passenger Media Unit, built for the untamed multi-task user. Unit runs on Android™ OS.



### SMART VIDEO DISPLAY UNITS (SVDU)

- Widescreen, High Definition monitors sizes 9", 11" and 12".
- Offered in two configurations:
  - SVDU with remote Smart Personal Integrated Module ( SmartPIM).
  - SVDU with integrated SmartPIM and credit card reader.
- Capacitive touch and multi-touch screen navigation for optimum passenger usability.
- Capacitive buttons on the face of the display include: Home, Power On/Off ( hold for SVDU reset), Volume.
- Up to 256GB local content storage for entertainment programs.
- Upgradeable, accessible and exchangeable during SVDU on-wing replacement.
- Options: Privacy filter and Tilt mechanism.

### PERSONAL ELECTRONIC INTERFACES

- Offered as an integrated built-in option or stand alone remote item. Up to four ports for 11" and 12" SVDU's.
  - Dual , Single Prong or Noise Cancelling audio jacks
  - USB 2.0 Port
  - Composite video and audio inputs ( requires 2 Ports)
  - iPort iPod® interface
  - Future plans for barcode reader, HDMI, USB 3.0
- Plug and Play modular ports use technology that recognizes the peripheral to allow easy reconfiguration, replacement and upgrades.

### CREDIT CARD READER

- Credit Card Reader is a built-in option as well as a stand alone item in the seat arm, such as for Premium seat configurations, and provides the ability to read:
  - Credit Cards
  - Magnetic Strip Credit Cards

