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Advanced Data Transfer System (ADTS)

Versatile solution to streamline data exchange

Mercury's Advanced Data Transfer System (ADTS) is a field-proven, secure, modular, rugged system that transfers data at 100 MB/s+ SATA speeds and simplifies data transfer between air and ground platforms. The ADTS consists of a ground unit, an airborne data transfer unit, interchangeable modules and a maintenance access cable. The unit accelerates data transfer speeds with four gigabit Ethernet ports that operate at 1,000 Mbps per channel.

Lower Costs with a Common Modular Design

The ADTS units share a common modular design and can serve as a common high-capacity data, video and audio upload, download and transfer solution for multiple rotary and fixed-wing platforms across military branches. It saves time and delivers lifecycle cost savings through shared memory modules, an easily upgradeable design and synchronized maintenance.

Highlights

- Save time and accelerate pre- and post-mission data exchange with 1,000 Mbps transfer and 100 MB/s+ read speeds

- Easily upgrade memory with modules that currently feature up to 3 TB of memory

- Use across multiple missions and platforms with a proven lifespan of 10,000 hours

- Simplify data transfer with systems that share a common, intuitive modular design

Featured Product ADTS 701 DTU

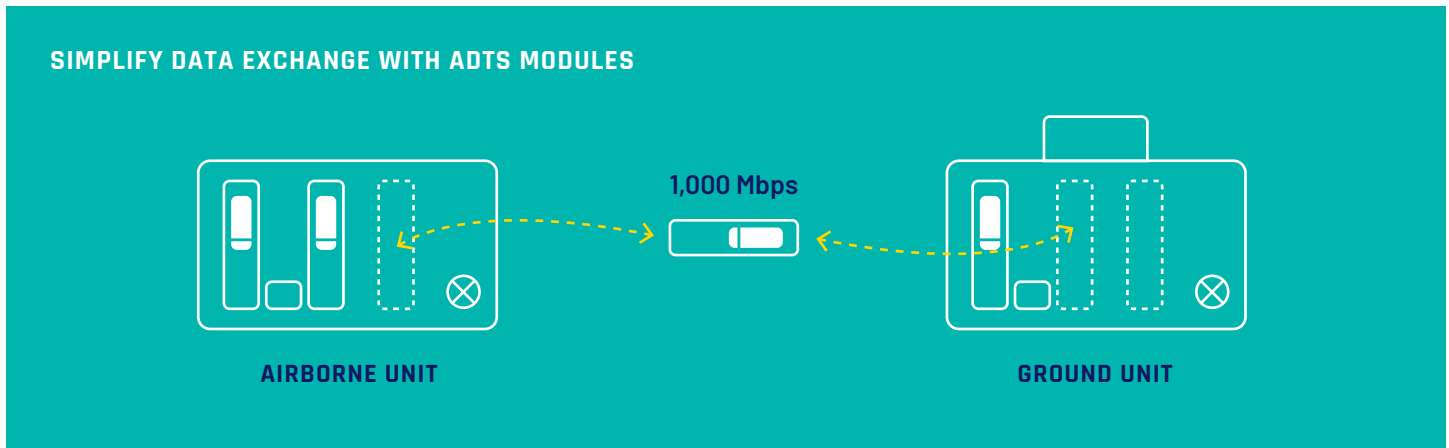## Simplify Data Exchange with Memory Modules

Three hot-swappable, removable memory modules plug into both ground and airborne data transfer units to simplify data transport, reduce costs associated with sparing and streamline data exchange for mission planning, maintenance ground stations and airborne platforms. Modules come in three distinct colors for ease of recognition according to function.

FEATURES

Ruggedized for rotary and fixed-wing platforms

FIPS 140-2 and other advanced encryption options

Upgradeable, removable, lightweight and common memory modules

APPLICATIONS

Mission and aviation planning

Platform management

Navigation

Flight and record maintenance

Surveillance

Communications

SIMPLIFY DATA EXCHANGE WITH ADTS MODULES

1,000 Mbps

AIRBORNE UNIT **GROUND UNIT**

The ADTS simplifies data exchange and saves time with ground and airborne units that share a common design. Memory modules can simply be removed from the flight unit and inserted into the ground unit and vice versa. Operators do not need to move entire units to transfer data.

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