/// OVERVIEW

**DTM II** is composed of a data loader receptacle and two data cartridges that are used to physically transport data between the aircraft and ground systems. The DTM II has a modular design that allows easy modification to other aircraft interfaces (Fibre Channel, Ethernet, 1553, etc.); first implementation is for F-15C/E using Gigabit Ethernet over Fiber.

/// KEY FEATURES

- Packaging - Single compact housing measures 5.75”Wx5.25”Hx6”L, weighs <8 lbs (with 2 removable memory devices installed), and is qualified to MIL-STD-810. Power consumption approx. 17W.

- Memory – 2 independent removable memory devices, each containing 256 GB SSD with growth up to 2 TB storage capacity – for mission and maintenance data.

- Data Transfer – Modular backplane design enables a variety of interfaces with an aircraft: GigE (copper or fiber) or MIL-STD-1553 are the most popular interfaces. The removable memory devices use USB 3.0 (5Gbps) to perform read/write data transfers with ground systems.

- Encryption – FIPS 140-2 with path to NSA Type-1 encryption.

- Interfaces (Current configuration)
  - 2 x optical gigabit Ethernet
  - 1 x gigabit Ethernet (copper)
  - 1 x serial port
  - 10 x discretes
  - 2 x USB 3.0

/// CONTACT

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