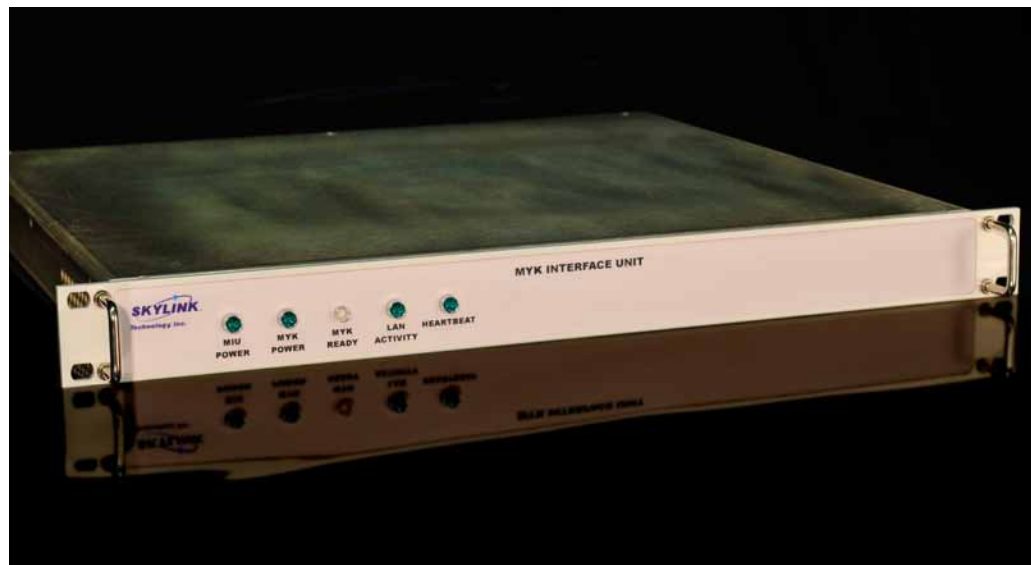


MYK Interface Unit

The MYK Interface Unit (MIU) is a custom encryption and decryption interface unit. The MIU provides a network interface to the MYK14/15, and other similar units.

- Provides a LAN interface to facilitate access by multiple computers over the LAN (both collocated and remote).
- Translates data received over the Local Area Network (LAN) using TCP/IP communications socket protocol into the clock, data, gate protocol used by the MYK-14 unit using its RS-422 ports.
- Provides a key management function to map spacecraft and key indices to memory locations within the MYK-14 unit. This supports using the same MYK-14 unit for multiple spacecraft and eliminates the need for key management by an external control computer.
- Provides a MYK-14 simulation function to allow testing in absence of the actual MYK-14 unit.



MIU



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