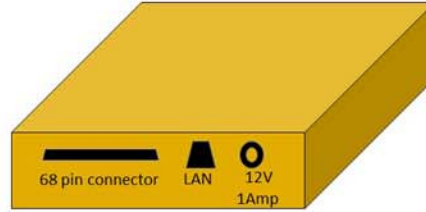


RED/BLACK Encryption Interface Unit (RBEIU)



Red / Black Encryption Interface Unit – Front View



Red / Black Encryption Interface Unit – Rear View

The RED / BLACK Encryption Interface Unit is a custom encryption and decryption interface unit. The RBEIU provides a network interface to a KIV-7M Encryption Unit.

FUNCTIONS

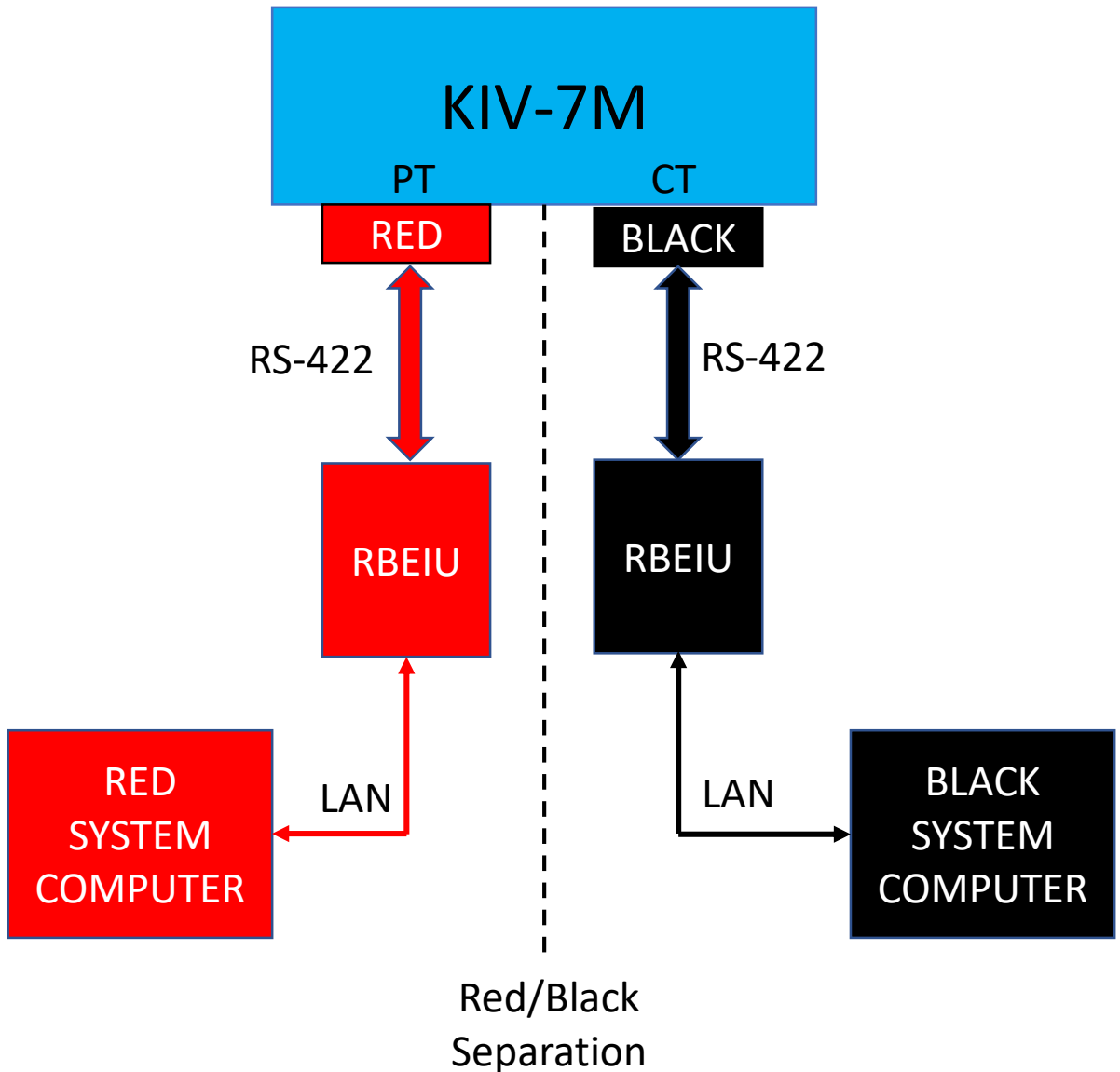
- ▶ Provides a LAN interface enabling access to a KIV-7M encryption unit by multiple computers over a LAN. Devices may be colocated or remote.
- ▶ Translates data received over a LAN using TCP/IP into the clock, data and gate protocol used by the KIV-7M encryption unit via its RS-422 port on a single channel.
- ▶ No connection between the Red and Black interfaces.

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Red / Black Encryption Interface Unit (RBEIU) Block Diagram



Typical system shown using two separate RBEIUs