Uplogix provides the industry's first local management solution, putting the power of your most trusted IT administrator everywhere, all the time.

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About Uplogix

Uplogix is a network independent management platform that is located with – and directly connected to – managed devices. It can stand alone or augment existing centralized management tools providing the configuration, performance, and security management automation functions that are best performed locally.

When there are problems and the network goes down, Uplogix Local Management serves as an automated lifeline, either restoring network connectivity, or by providing secure out-of-band access and a local "toolbox" for remote experts to speed troubleshooting without a truck roll.

Learn more at uplogix.com

Local Management of KG-175 Encryptors

The Uplogix Local Manager (LM) provides pass-thru web browser connectivity for both the KG-175 Alpha and Delta.

Properly authenticated and authorized users are connected to the TACLANE web interface over SSH. The KG-175A provides this connection over its RS-232 console management port and the KG-175D over the "console" Ethernet port via a standard Cat-5 cable. This is available from the factory configuration of the encryptors as well as those configured for operation.

Once the LM had been configured to forward the web interface, It is presented as a browser connection to the "localhost" address of the user's workstation. Uplogix has the ability to send HTTP commands to the encryptors for status and various operational actions that need to be validated, and perform TFTP upgrades. Additionally, Uplogix can forward SNMP traps from the 175A.
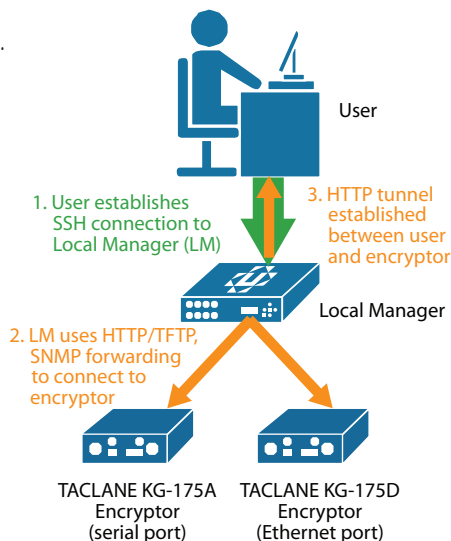
TACLANE KG-175A

Front View

TACLANE KG-175D

User

1. User establishes SSH connection to Local Manager (LM)

3. HTTP tunnel established between user and encryptor

Local Manager

2. LM uses HTTP/TFTP, SNMP forwarding to connect to encryptor

TACLANE KG-175A Encryptor (serial port)

TACLANE KG-175D Encryptor (Ethernet port)

About TACLANE Encryptors

TACLANE®-Micro is the most deployed High Assurance IP Encryptor (HAIPE®) and Crypto Modernization Compliant encryptor. The Micro is field proven and reliable with over 300,000 hours MTBF (based on fielded devices). Optimized for both tactical and strategic environments, the TACLANE-Micro is high speed, compact and mobile.