STAR-PAN™

STAR-PAN™ MISSION MANAGER
brings intelligent data networking and on-the-fly device integration to soldier C4ISR networks

GLENAIR MISSION MANAGER WITH MX QUICK-CONFIGURATION SOFTWARE

Remember when adding a printer or scanner to your office PC meant hours of work, installing drivers or struggling with complicated network configuration protocols? Nowadays, it's far more common for standard network devices—from routers to monitors to printers—to be instantly recognized by the PC operating system for immediate use.

Unfortunately, the same cannot be said for soldier C4ISR networks. Peripheral device configuration for both general use and mission-specific profiles is a complicated and time-consuming process that often must be repeated for each and every mission. The Glenair STAR-PAN™ MISSION MANAGER with MX quick-configuration software solves this problem by providing a plug-and-play bridge between the soldier's End User Device (EUD) and the C4ISR peripherals he depends on for mission success.

The STAR-PAN™ MISSION MANAGER is a Linux OS ARM-based embedded computing device that acts as a full-time host, brokering data between soldier USB peripherals and the EUD. In combination with Stauder Technologies' user-configurable MX application software, the STAR-PAN™ MISSION MANAGER makes connecting multiple devices to any EUD—before, during, or between missions—easier than ever before.

Provide data and power to EUD without compromising security

- **End User Device independent—no device rooting or custom ROM images needed**
- **Real-time, plug-and-play device integration**
- **Supports multiple simultaneous Ethernet devices**
- **Dedicated EUD port for connection to downstream EUD**
- **Minimal power demands**
- **Seamless integration into STAR-PAN systems**
- **NATO standard Mighty Mouse connector interface**
- **Mission Manager MX software Android, iOS, Windows and Linux compatible**
- **Export classification EAR99**

FULL-TIME HOST TO BROKER DATA EXCHANGE BETWEEN SOLDIER USB PERIPHERALS AND THE EUD

Headless data management and routing for all open-system peripheral devices as shown below (lightweight single-radio configuration also supported for plug-and-play integration between radio and EUD).
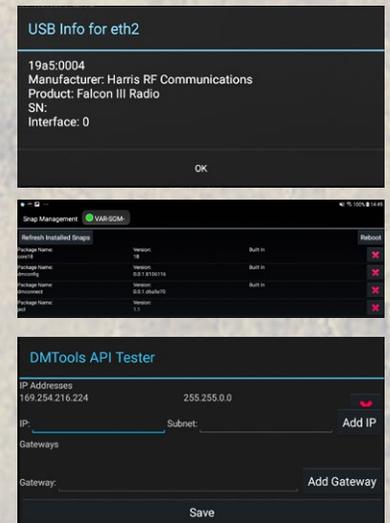
STAR-PAN™ MISSION MANAGER MX software runs directly on the soldier's EUD to provide plug-and-play configuration and management of USB / Ethernet datalink connections and radios

PERFORMANCE SPECIFICATIONS

Storage Temperature:-40°C to +80°C
Operating Temperature: -32° to +49°C
Operation Altitude: 9754 m
Storage Altitude: 15240m
Water Immersion: MIL-STD-810, Method 512; IP67 rated dust and water resistant

STAR-PAN™ MISSION MANAGER MX SOFTWARE CAPABILITIES

The STAR-PAN™ MISSION MANAGER with Stauder Technologies' MX quick-configuration software eliminates the need for costly EUD OS development, and/or complicated device provisioning, by providing an intelligent interconnection bridge between the soldier's EUD and his C4ISR peripherals. The secure datalink software runs directly on the soldier's EUD providing a graphical user interface for configuration and management of USB / Ethernet datalink connections and radios. STAR-PAN™ MISSION MANAGER with MX software eliminates the need to retest or recertify complex systems after EUD update or replacement.

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