



T-REX-8

Tactical Radio Exchange



By Light's T-REX Tactical Radio Exchange brings the proven performance and rich features of By Light's TRICS Radio over IP (RoIP) solution to Klas Telecom's award winning Voyager 8, a low SWaP, deployable communications system that's rugged, modular and scalable. The T-Rex module for the Voyager 8 supports up to eight radios and easily scales to support 16 and 24 radios.



By Light's T-REX module can be removed from the Voyager 8 system and operate in standalone mode.

Specifications

Physical

- Dimensions: 6.25" L x 7.375 W x 2.0" H
- Dimensions: 159 x 187 x 51 mm
- Weight: 3 lbs (1.36 kg)

Power

- Voltage: 9-36 VDC
- Consumption: 10 watts

Operating

- Temperature: 0°C to 50°C (32°F to 122°F)
- Humidity: 95% RH

Interfaces

- Network: 10/100/1000TX RJ45
- Radio: Miniature Push Pull
- Serial Data: Harris High Performance Waveform (HPW) and Mil Std 188-184b
- Management: HTTPS
- Console: Async Serial RJ45
- Serial: Radio Control

Radio Control

- Radios: PRC-117G, PRC-117F, PRC-152, PRC-150, PRC-148, PSC-5D

T-REX is the evolution of By Light's TRICS Radio over IP (RoIP) gateway designed to integrate with the Klas Telecom's Voyager 8 deployable communications system. T-REX is a full featured RoIP gateway, media server and media management platform. It enables the integration and dissemination of radio traffic (voice and data) on IP networks, including standards based interoperability with Voice over IP (VoIP) and remote programming of military radios. The core communications capability incorporates WAVE™ software from Motorola Solutions.

ORDERING INFORMATION

Part Number

BYL-VOY-T-REX-8

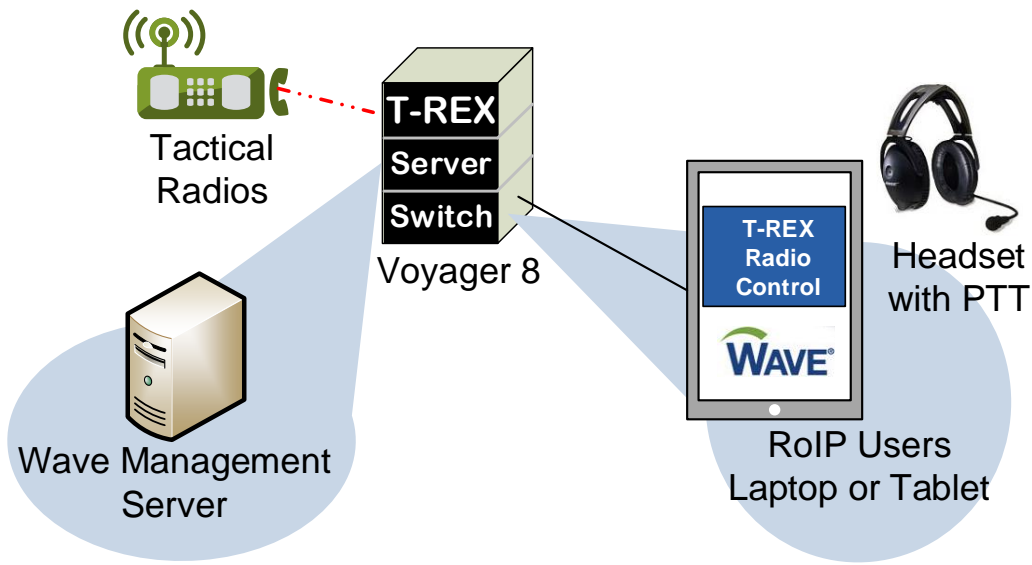
BYL-CAB-TREX-(Radio)-(Length)

Description

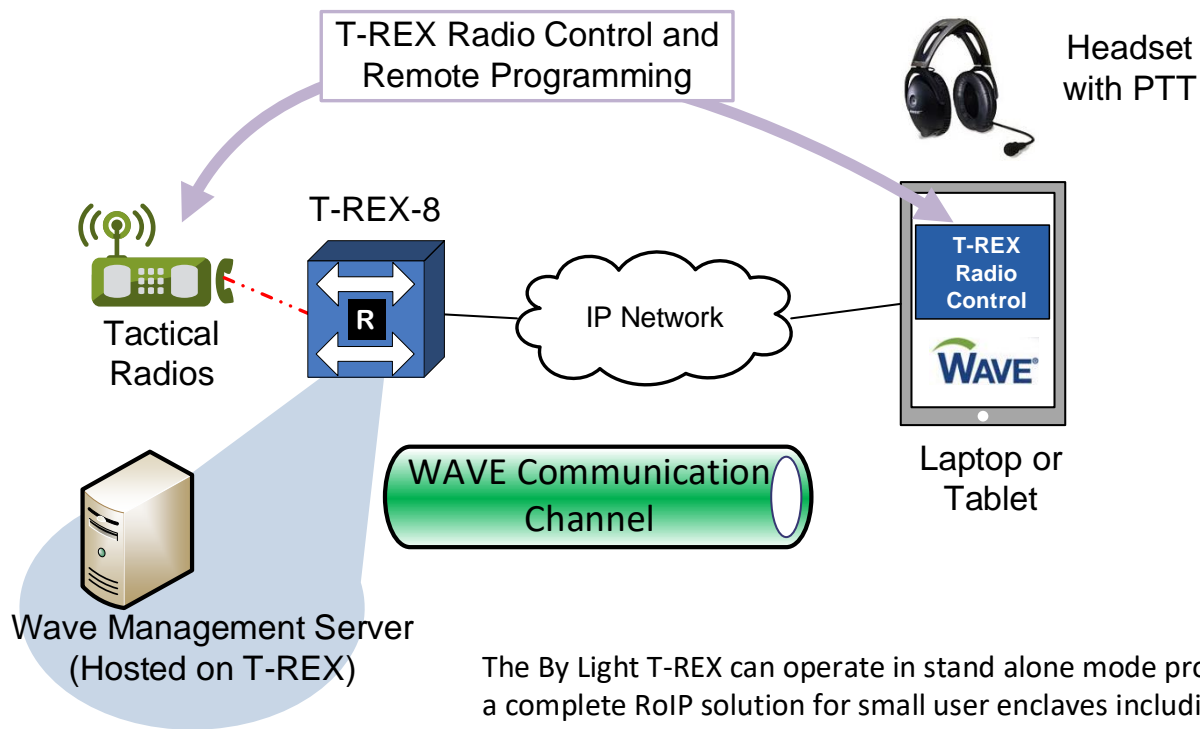
T-REX 8 radio RoIP Gateway module for the KLAS Telecom Voyager 8 system

T-REX radio interface cable based on specific radio model and required length

T-REX Tactical Radio Exchange



A By Light T-REX module integrated in the Klas Telecom Voyager 8 system with Klas Telecom's Voyager server and switch modules delivers a complete solution with network and server power to support large RoIP deployments, enable the full suite of Motorola Solution's WAVE Media Server and utilize By Light's remote radio control and radio serial data.



The By Light T-REX can operate in stand alone mode providing a complete RoIP solution for small user enclaves including support for Motorola Solution's WAVE Management Server and By Light's remote radio control and radio serial data.