Ensuring Application and Systems Resilience Over Military Networks

Calnex Network Emulators enable you to design, simulate and share a wide range of different network topologies including Satellite, WiFi, Mobile, LAN, WAN, Internet, Cloud, Partially and Fully Meshed, etc. in which to develop/test applications and train users.

Incorporating multi-user, soft ports and network scenario sharing capabilities, the Calnex Network Emulator range provides scalability, flexibility and underpins operational acceptance testing.

Objectives

1. To enable pre-deployment testing of applications, systems and devices in a safe, controllable but highly realistic test environments to ensure they will work as expected when deployed in the field.
2. To add network realism to the training environment.

Value to Target Country

Calnex Network Emulators are used by the Military, Government and Prime Contractors around the world to create Software Defined Test Networks in which to test and verify military application performance in denied, degraded, intermittent and limited (DDIL) network conditions.

Calnex Network Emulators enable organizations to:

- Reduce the need for expensive live field trials
- Recreate realistic training and simulation environments
- Replicate complete Multi-Domain networks
- Model multiple international communication links
- Apply impairments & mimic hostile interference
- Identify networked military application limitations
- Validate network device performance up to 100Gbps

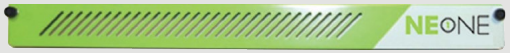
Defense and Government customers know that they're network ready:

BOEING · LOCKHEED MARTIN · L3HARRIS · NORTHROP GRUMMAN · U.S. AIR FORCE · Raytheon Technologies

Calnex Network Emulators are available as desktop, virtual or rack-mounted appliances

aws · vmware · KVM · openstack COMPATIBLE · PROXMOX

NE-ONE Professional



NE-ONE Enterprise

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