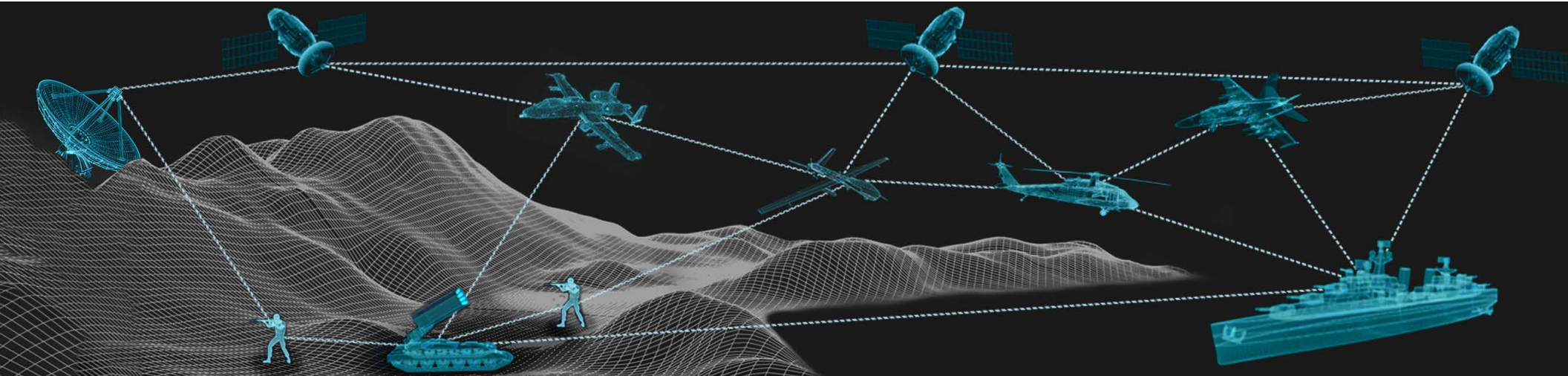


Ensuring Application Resilience Across Multi-Domain Operations



Multi-Domain Operations (MDO) are moving from concept to reality. In order to ensure the success of effective MDO, it is vital to be able to connect, communicate and share data across all domains. Therefore, testing application performance and resilience over the interconnected networks, prior to deployment, is critical.

The Calnex NE-ONE is a test solution used by Defense and Government organizations across the globe to create Software Defined Test Networks in which to test military application performance under different severities of environments. NE-ONE has enabled organizations to:

- 🎯 Replicate complete Multi-Domain networks
- 🎯 Model multiple international communication links
- 🎯 Apply real world impairments & mimic hostile interference
- 🎯 Identify networked military application limitations
- 🎯 Reduce the need for expensive live field trials

Land / Air / Maritime / Space Domains

NE-ONE allows all combinations of land/sea/air/space topologies together with meshed or partially meshed and convoy networks. This includes SATCOM hops, DSL/Mobile network connections, SD-WAN and international WAN environments to create an accurate working model of real-world international multi-domain networks, all available and under your complete control within your test lab environment.

Cyber Domain

Using the NE-ONE, you can enable your Cyber Range devices to act as if they were operating from any location on the globe, complete with RTT, Packet Loss, Low Bandwidth and more, across a multitude of different network types, including 5G, 4G, WAN, and DSL. In other words, you can simulate an attack from anywhere in the world, via any means, within the security of your Cyber Range.

Testing New Developments Against All Network Environments Before Deployment

Test the performance of technologies focused around Network Enabled Capability or Network Centric operations, BGANs, GIS, BATS16, C2-C4ISTAR systems, field-based TCP/IP communication systems, Link 11, 16, & 22, bespoke military protocols and applications, VoIP (Voice over IP), IP over Wireless, and Radio over IP (RoIP)- and more.

The Calnex NE-ONE is trusted by Military and Defense organizations across the globe including the US Army, Department of Defense, UK MOD, BAE Systems, Lockheed Martin, NATO, Northrop Grumman, Raytheon, Airbus, Australian Defense Force and more.