

# Adding Network Realism To Your Training Environment



In the rapidly changing landscape of training and simulation, the role of networks has become increasingly crucial. Training applications, once confined to physical simulations and on-premise systems, are now shifting towards secure cloud-based platforms and leveraging various evolving networks. Wireless applications must maintain high performance and quickly recover from any disruptions.

The Calnex NE-ONE is a simulation solution used by Defence and Government organisations across the globe to create Software-Defined Test Networks in which to experience applications in controlled and repeatable network conditions.

The NE-ONE allows you to:

- 🎯 Replicate complete secure network topologies
- 🎯 Simulate multiple international communication links
- 🎯 Apply real world impairments and conditions
- 🎯 Identify application network vulnerabilities Ensure
- 🎯 positive soldier touch points

## Soldier Touch Points: Enhancing Training Applications

Soldier touch points refer to the interactions soldiers have with the training systems, the quality of these interactions directly impacts the realism and immersion of the training experience. The NE-ONE emulates any network parameters, allowing developers to test and optimise these interactions under different scenarios. This ensures that soldiers have a consistent, high-quality training experience, regardless of the network conditions, consequently securing positive soldier touch point evaluations for your training equipment

## Preparation for Real-World Scenarios

Using the NE-ONE, users can simulate cyber warfare conditions. These controlled and repeatable hostile network conditions add realism to training systems and war games. Scenarios can be generated to mimic the challenges that soldiers and applications may face in the field, thereby preparing for these challenges and improving readiness.

## Verifying Application Migrations to Secure Cloud

The NE-ONE can accurately simulate cloud environments, allowing developers to assess application performance under cloud-like conditions without incurring the costs and resource commitments of a full-scale cloud proof of concept. This provides a cost-effective and efficient way to ensure applications are cloud-ready.

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*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 Defence Force and more...*

