

The background of the entire page is a deep blue underwater scene with light rays filtering down. Overlaid on this is a complex network of white and light blue lines connecting various sized circular nodes, some of which are highlighted in a darker blue. The overall aesthetic is high-tech and digital.

EXATA
CYBER

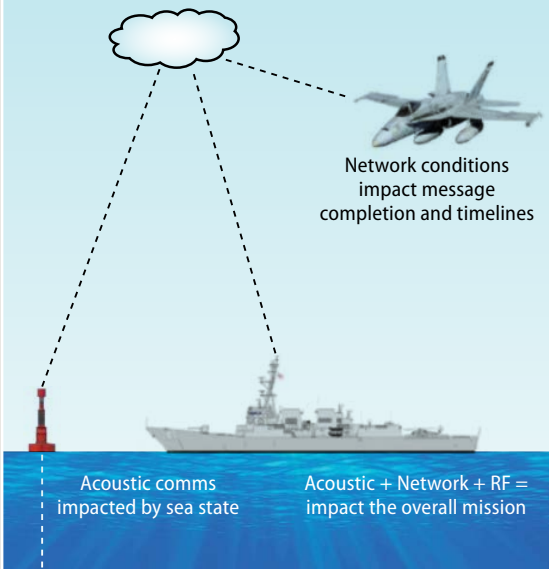
**Maritime
Communications &
Network Modeling
& Simulation**



SCALABLE
NETWORK TECHNOLOGIES

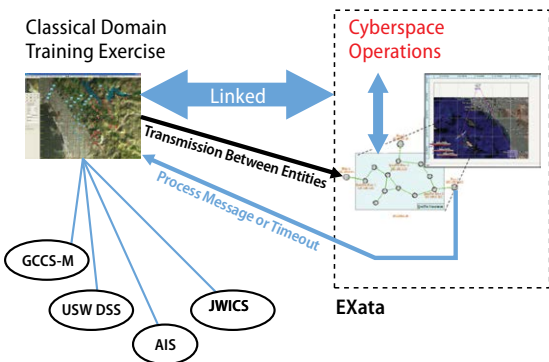
Multi-Domain Networks

Wireless comms and/or sensors susceptible to atmospheric conditions



Live/Virtual/Constructive End-to-End M&S Capability for Multi-Domain Networks

Integration of Cyber and Kinetic LVC Environments



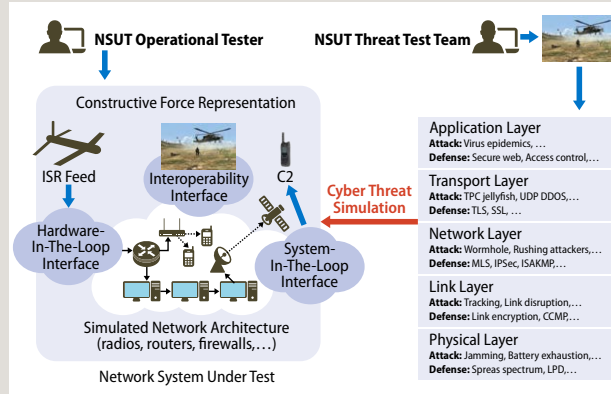
- Integrated LVC + cyber training
- Work through degraded cyber environment
- Emulate cyber without compromising an exercise
- No impact on tactical devices

EXata

- Scalability to thousands of nodes enables more sophisticated design and analysis
- Real-time simulation optimizes productivity
- High fidelity models deliver more accurate results in all physical domains (undersea-to-space)
- Cost-effective “lab-based risk reduction” network simulation technology provides solutions to mission-critical, business-critical problems
- System-in-the-Loop emulation interface allows efficient equipment and applications testing

EXata Cyber Library

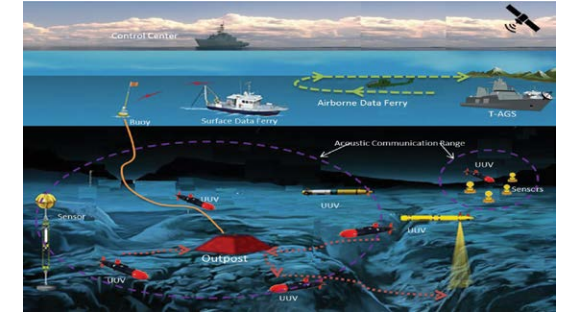
- Comprehensive list of cyber attack models
- Cyber library enables cyber assessment for risk management and response planning



SCALABLE's Solutions

Live, Virtual, Constructive (LVC) network models facilitate at-scale network representation in operational context

Undersea Networks



Live/Virtual/Constructive End-to-End M&S Capability for Undersea Communications Networks

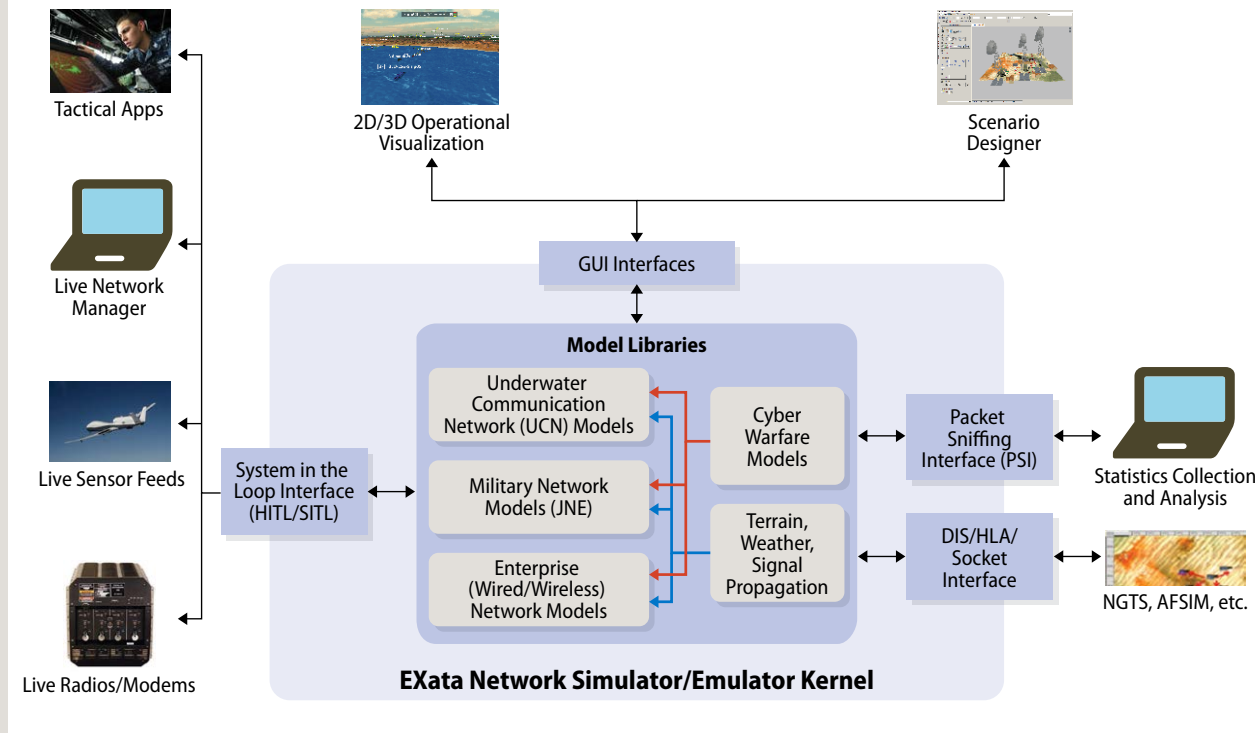
Our LVC models have facilitated the use of real-time network emulations and integrations with live hardware and software to create at scale network representations for in field or lab based use.

- Environment
- Operations
- Live Interactions
- Cyber Warfare
- Application Centric

Contract Vehicles

- [JNE SBIR Phase III IDIQ](#) (Prime)
 - Joint Network Emulator SBIR Phase III
- CSRETI IDIQ (Sub)
 - Cyberspace Science, Research, Engineering and Technology Integration
- AMCOM EXPRESS BPA (Sub)
 - Multiple Partners

SCALABLE's Value: Predictable Communications



For over 15 years, SCALABLE has been providing network design and analysis tools and cyber training systems that enable customers around the world to develop, test and deploy large sophisticated wireless networks and communications equipment.

Our solutions integrate software virtual networks with physical hardware and applications, allowing users to rapidly test a wide range of highly realistic scenarios for enhanced operational planning, training and communications without the expense of building out physical infrastructure.



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