HIGHLY-SKILLED AGILE TEAM

The highly-skilled team includes domain experts, systems architects, engineers, experiment directors, project managers, analysts, and security professionals. The team’s strength lies in creating collaboration and working environments, each uniquely suited to meet the needs of the customer and the rapid design of experiments that inspire creative thinking and capture emergent innovative ideas. When requirements exceed organic capability, the Lighthouse reaches back into Lockheed Martin to ensure the right mix of resources are brought to bear.

DISTRIBUTED ENVIRONMENTS

One of the Lighthouse’s many technical strengths is its ability to share modeling and simulation capabilities through access to corporate and government networks, virtually connecting distributed systems and participants into a single collaborative environment. This capability is highly agile and designed to support the rapid pace of innovation required to meet customer expectations.

EMBRACED PRACTICES AND PROCEDURES

The Lighthouse leverages the latest customer methods of conceptualization, planning, and analysis to facilitate the integration, execution, assessment of wargames, experiments, and concept development activities.
The Center for Innovation is located in close proximity to government partners chartered with examining the future through innovation, collaboration and experimentation.

A hub for cross-domain integration, experimentation, wargaming, modeling and simulation, and decision analysis in real and synthetic environments.

Commited to solving difficult problems through enduring relationships and trust.

Uniquely configured to develop and visualize responsive, agile and affordable solutions for a challenging global environment.

The Center for Innovation is uniquely configured to optimize its technical infrastructure to create a powerful collaborative environment to deliver innovation solutions to our customers’ most challenging problems.

Director, Lockheed Martin Center for Innovation, Corporate Engineering, Technology and Operations

Gregory M. Nosal

**EXPERIMENTATION AND WARGAMING**

The Lighthouse explores the nexus among technologies and operating concepts through a process of concept-based, mission capability-focused experimentation that embraces both constructive and human-in-the-loop wargaming. The insights from these activities help shape understanding and inform decisions about future concepts and emerging capabilities.

**CONCEPT AND CAPABILITY DEVELOPMENT**

Working in partnership with our customers, the Lighthouse provides the optimal environment to explore concepts and capabilities to increase operational understanding, often through the integration of new capabilities into existing operational architectures. The value of examining concepts and capabilities through experimentation comes in broadening the understanding of complex topics and providing insight to help inform decisions.

**ANALYTICAL WORKSHOPS AND INVESTIGATIONS**

Analytical workshops derive insight from data gathered during specific activities designed to generate and capture new horizons between current and potential paradigms. The Lighthouse offers an environment to gather data in a disciplined manner and to facilitate a process that is carefully unique enough to inform better or new methods, experiments and concept development activities.