LYNX is an innovative architectural tool enabling enterprise systems development and deployment. LYNX facilitates requirements definition, CONOPS, and system development, and operations for evolving, advanced multi-domain command and control (C2) systems. Functions include resource scheduling, mission optimization, C2, and real-time mission monitoring.

LYNX emulates future complex C2 concepts using flexible program interfaces to link system functions to allow for best-of-breed products selection. This approach allows users to employ commercially available applications, such as automated enterprise planning, big data analytics, C2 interfaces, and software-defined networking.

LYNX also functions as a systems engineering and integration tool operating in a multi-cloud environment, demonstrating a development and operations (DevOps) concept for future C2 systems. This is critical to achieving spiral acquisition, agile technology refresh, near-real-time threat mitigation, and improved resource utilization rates.

Features
LYNX provides several features to support concept development, systems engineering, systems-of-systems integration, and mission operations for enterprise functions:
- Open architecture environment
- Simple and intuitive user interface
- Multi-cloud capable
- Data analytics-agnostic
- Integrated enterprise of new capabilities and legacy systems
- DevOps concept for future C2 systems

Benefits
LYNX offers a path for agile software development for improved acquisition outcomes. The flexible API approach offers the following benefits:
- Plug-and-play integration of commercial-off-the-shelf and non-development item products
- Rapid prototyping and early demonstrations
- Full-scale systems integration and lifecycle sustainment
- Reduces risk for operational integration and deployment

LYNX is a critical enabler for Enterprise integration, providing timely and innovative solutions in a collaborative DevOps environment.

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