A Low-Risk Solution for CANES

- Modular Open Architecture
- Fleet-wide Shipbuilding and Installation Experience
- Key Industry Relationships
- Low Risk Approach
- Innovative Business Model
- Lower Life-Cycle Costs
- Wide Domain Experience
- Technical Agility
- Common Computing Environment
- Service Oriented Architecture

For more information, please contact:
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Northrop Grumman
Unmatched Experience. Low Risk

Required: Open Architecture
Northrop Grumman’s Solution
• Modular, open systems architecture
• A truly open architecture – encompasses physical, logical and business model
• Integrates legacy systems
• Enables rapid, IP-based networking across widely diverse systems, surface ships and fleets, including joint and allied fleets

Northrop Grumman’s Open Architecture Approach

- Scalability
- Interoperability
- Modular Reuse
- Life Cycle Supportability
- Rapid Tech Insertion
- COTS/NDI
- Reconfigurability
- Security
- Open Standards and Interfaces
- Vendor Independence

- More reliable, supportable and maintainable products at the lowest price
- Reduced production costs and simple, low-cost insertion of new technology
- Leverages industry standards and best practices, CMMI Level 5, ITIL, ISO 9001
- Increased standardization and supportability across the fleet

Required: Deep Experience
Northrop Grumman’s Solution
• Fleet-wide experience across all ship classes
• In-depth knowledge and domain experience – from IT, networks and C4ISR to fleet operations and shipbuilding
• Extensive Navy, manufacturing and shipbuilding experience
• Full life-cycle network expertise – from design and production to integration, shipboard installation and support
• Fielded the majority of the Navy’s C4ISR applications
  - Decades of integration and engineering experience for complex systems

Northrop Grumman’s Unmatched Experience. Low Risk

Required: Low Risk
Northrop Grumman’s Solution
• Key industry partner relationships in place now
• Synthesizes best ideas from defense and commercial industries

Required: Reduced Life-Cycle Cost
Northrop Grumman’s Solution
• 100 percent COTS/NDI software, hardware and other equipment – avoids development costs

Required: Navy-Centric Efficiency
Northrop Grumman’s Solution
• State-of-the-art virtualization for increased server efficiency and optimum use of space
• Expert program management, based on decades of Navy and large-scale system experience
• Designed for efficient use and support in real-world Navy environments

Required: Future Focus
Northrop Grumman’s Solution
• Scalable and supportable common computing environment
• Service-oriented architecture delivers IP-based applications and capabilities to users fleet-wide
• Interoperability and rapid upgrades for future needs and missions
• Seamless roadmap to the next generation