

Northrop Grumman for CANES

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

To learn more, please contact:

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Northrop Grumman Open Architecture

Consolidated Afloat Networks and Enterprise Services

Fleet-Wide Experience for CANES

NORTHROP GRUMMAN

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Northrop Grumman's Open Architecture Approach



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

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

Required: Low Risk Northrop Grumman's Solution

- Key industry partner relationships in place now
- Synthesizes best ideas from defense and commercial industries

- Real-world design, based on fleet-wide experience
- Maximum flexibility and ease of installation built into design
- Navy experience enhances and accelerates CANES design, deployment and real-world usability
- Enhanced security

Required: Reduced Life-Cycle Cost Northrop Grumman's Solution

- 100 percent COTS/NDI software, hardware and other equipment – avoids development costs

- 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: 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