



Before starting a construction project, it's crucial to determine standards, engage an architect for design, and consult an engineer for technical guidance.

We offer a comprehensive set of consultation services for the AFNet, including standards definition and documentation, architecture design, and detailed engineering assistance. With AFNIC's expert guidance, you can be assured of fielding high-quality, secure and decisive cyber solutions.



# AFNet Standards, Architecture & Engineering

AFNIC is the Air Force leader in providing comprehensive **Standards, Architecture and Engineering** services for the Air Force Network (AFNet). Our in-depth knowledge of existing and emerging IT and network standards, our experience in designing and documenting AFNet architecture plans, and our unsurpassed network engineering expertise will enable you to smoothly and safely connect your systems, products and applications to the AFNet. You can depend on our cyber experts to:

## **Standards**

- Provide expert guidance on approved AFNet configuration, product and infrastructure standards, to ensure smooth interoperability of your data and interfaces on the network
- Track, evaluate and incorporate emerging standards and best practices from commercial industry when appropriate to optimize design and performance of your AFNet connected solution

## **Architecture**

- Analyze your mission system architecture and provide plans and recommendations for successful integration of your system into the AFNet
- Provide architecture analysis and consulting services on security, interoperability, and usability to ensure your systems/services are compliant for Networthiness certification

## **Engineering**

- Provide technical guidance for ground, air, and space networks to properly integrate your systems/platforms/products into the AFNet
- As lead for the Air Force-wide transition from IPv4 to IPv6, assist you with step-by-step transition checklists, training, on-site consulting, policy interpretation and security guidance
- With our Dynamic Network Analysis (DNA) service, analyze and validate that network and networked systems performance meets specified quality of service levels
- Develop AFNet-compliant network designs and perform design reviews for operational units and warfighting operations centers

## **The AFNIC Advantage**

By engaging us early, you can be assured that you'll be positioned for successful integration of your mission-critical system, application or product onto the AFNet. Throughout your project, you'll benefit from our:

- ▶ Innovative approach
- ▶ Holistic, enterprise perspective
- ▶ Extensive technical expertise
- ▶ Decades of experience solving the toughest technical challenges
- ▶ Commitment to an outstanding service experience every step of the way



**To learn more, call or email us today at: (618) 229-5846 (DSN 779-5846) / [afnic.xp.customersupport@us.af.mil](mailto:afnic.xp.customersupport@us.af.mil)**