





Cyber Innovation. Mission Success.

The Air Force Network Integration Center supports the war fighter with decisive cyber capabilities for mission success. We provide innovative network architecture, integration, engineering and cyber simulation services with unrivaled expertise, experience and commitment.

AFNIC's team of cyber professionals has the knowledge, skills and experience to solve the most difficult technical challenges.

AFNIC Core Services

Our core technical services for the Air Force Network include:

- AFNet Integration
- Cyber Simulation
- Standards, Architecture and Engineering

Unleashing the Power of Cyberspace

Col John Smith
Commander



Phone: 555-555-5555 (DSN 000)
E-mail: smith.john@us.af.mil
organization.place@us.af.mil

200 E Street Name Room 4242
AnyTown AFB State 55555-5555



Cyber Innovation. Mission Success



AFNIC / XPS Strategic Communications





Innovation Award

This award is presented to

John Smith

for

Automating the creation of "Sandboxes" in the RAVE

SCOTT AIR FORCE BASE ILLINOIS

NAMED PERSON HERE, CMSgt, USAF

Superintendent, Air Force Network Integration Center

NAMED PERSON HERE, Colnel, USAF

Commander, Air Force Network Integration Center

August 2012



INFORMATION DOMINANCE AWARD 2012

THIS AWARD IS PRESENTED TO

JOHN SMITH

OUTSTANDING CIVILIAN MANAGER

SCOTT AIR FORCE BASE ILLINOIS

NAMED PERSON HERE, CMSgt, USAF

Superintendent, Air Force Network Integration Center

NAMED PERSON HERE, Colnel, USAF

Commander, Air Force Network Integration Center



Title

**Air Force Network
Integration Center**

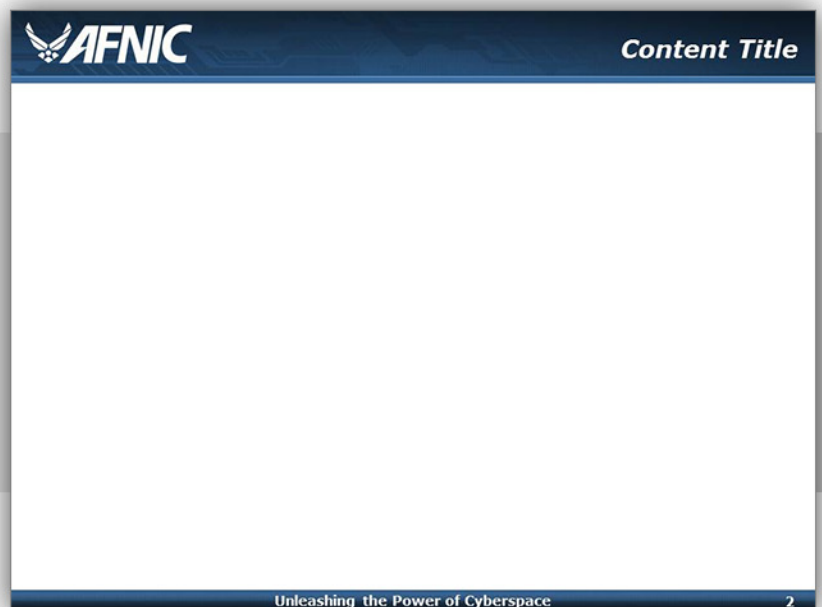
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2



Unleashing the Power of Cyberspace

3

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AIR FORCE NETWORK INTEGRATION CENTER



The AFNIC Advantage



**THE AFNIC
ADVANTAGE**
Cyber Innovation.
Mission Success.

Social Media



CC Social Media



Personnel Spotlight

Andre Christian, TSgt, USAF
Analyst, Business Sys Networkness
Assessment



"I help create the AFNIC Advantage by providing certificate of networkness consultation and assessment before a system receives final approval to connect to the AFNET."

SDF



**SYSTEMS
DEVELOPMENT
FORUM**



AFNIC

Testing in-air communications

SCOTT AIR FORCE BASE, Ill. – Gary Anderson, an Air Force Network Integration Center airborne network engineer, calibrates a satellite delay simulator to test airborne communications capabilities on Executive Airlift Communications Network-serviced aircraft. AFNIC serves as the configuration control manager and provides lead engineering support for EACN, enabling secure, in-flight communications capabilities for the nation's top leaders. (U.S. Air Force photo by Travis Nuckolls)

AFNIC News

AFNIC engineers play key role in CSAF's Unified Engagement 2012 Wargame

AFNIC simulator enables realistic training for Cyber Flag 13-1

AFSPC Vice Commander: Stay focused on your critical mission

AFNIC 'Speed Mentoring' provides CGOs unique perspectives **1**

Chief Master Sgt. of the Air Force visits AFNIC

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Formula for speed: Cadets to race in international competition

SecAF approves captain's board cancellation

Weather barely slows 2 AF ultra-marathoners

Through Airmen's Eyes: Going for the Gold

Warrior Games 2013: Games makes injured man feel like Airman again

Funny car champion added to Wall of Achievers **1**

CE Airmen keep Afghans safe with new bridges

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Col. A. R. "Riz" Ali
Commander

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CMSgt Robert J Ehrhart, Jr.
Superintendent

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Commanders Corner

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Specialized Services

AFNIC Specialized Services

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AFNIC Operations

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Introducing the AFNIC Expert Network

The AFNIC Expert Network is a team of Air Force Network Integration Center subject matter experts with extensive experience and technical knowledge in cyber-related fields. They regularly share their expertise and perspective through social media, articles and white papers, and as presenters and panelists at Air Force, Department of Defense and industry conferences.

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- AFSPC Commander: "Our accomplishments in cyberspace have been impressive." 2012 - Year in Review <http://t.co/RtgN1o1Z> 08:38:50 PM January 16, 2013 from web



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@AFNIC_Advantage

The Air Force Network experts. (Following/Retweeting does not = endorsement)

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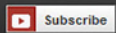




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**TECHNOLOGY
INTEROPERABILITY
FACILITY**



AFDS
AIR FORCE DIRECTORY SERVICES



RAVE
Realistic AFNET Validation
Environment



**SYSTEMS
DEVELOPMENT
FORUM**



**AFNET
MIGRATION**

DNA
DYNAMIC NETWORK ANALYSIS

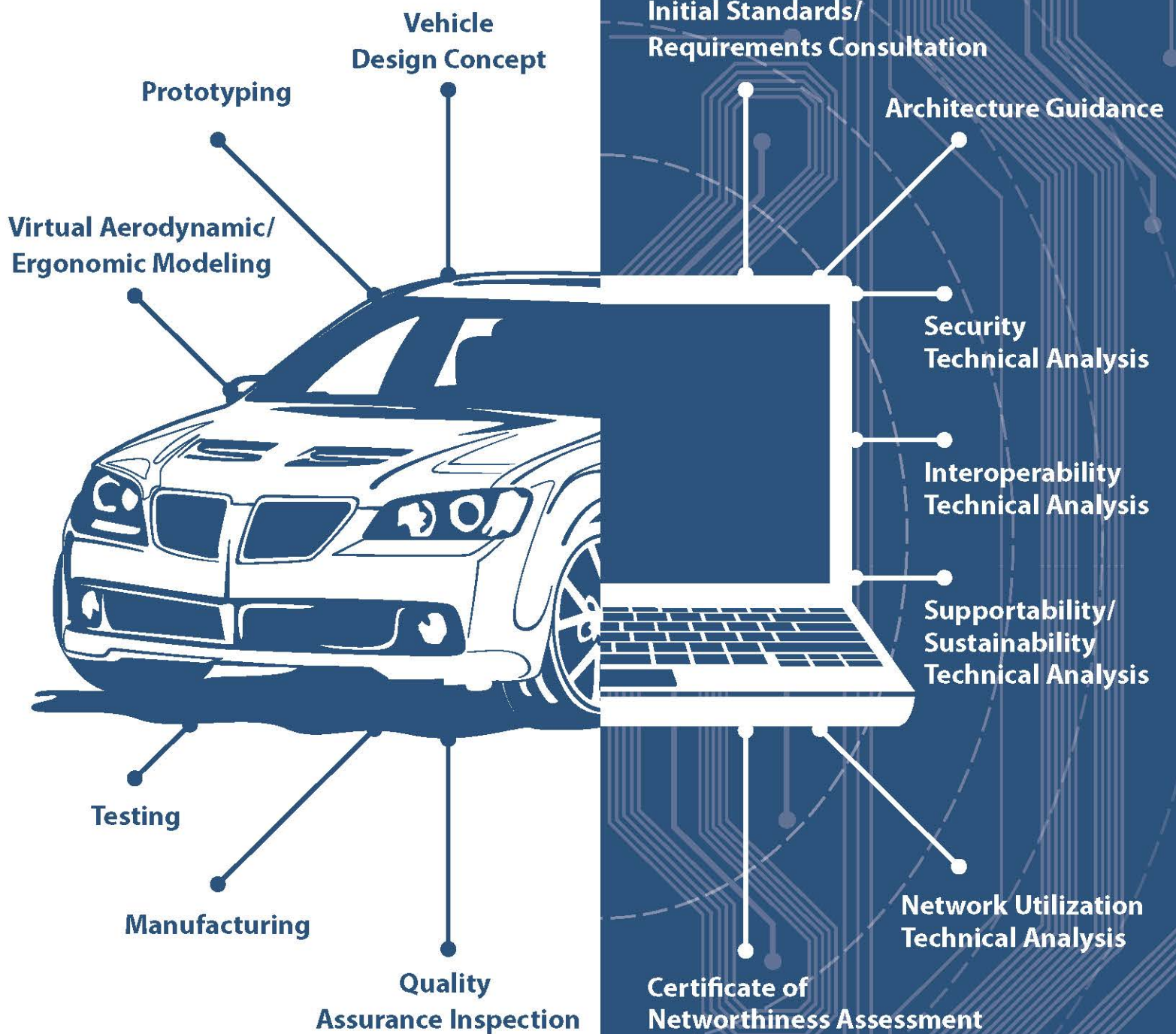
**SCOPE
ABLE**
AIRBORNE LABORATORY ENVIRONMENT



AFNET Migration is an integral component of the Air Force's high-priority initiative to move towards a single enterprise network. Air Force Space Command (AFSPC) has designated the Air Force Network Integration Center (AFNIC) to lead the AFNET Migration effort.

The goal is to consolidate existing stand-alone networks, email and directory service environments into a single centrally managed Active Directory structure. Once completed, AFNET Migration will deliver centralized command and control; reduced operational costs; standardized tactics, techniques, and procedures; simplified operations and maintenance; and improved network security.

AFNET Integration



Leading car makers employ a sophisticated manufacturing process with design feedback, multiple quality checkpoints, and rigorous test drives before a new car ever hits the road. With the **AFNET Integration** process, AFNIC provides the same benefits to you, our mission partners.

We provide guidance and consultation through a project's lifecycle to make sure the system, product or application is optimized and ready to be integrated safely and reliably onto the AFNET.



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.

Cyber Simulation

Aircraft Design
Concept

Prototyping &
Modeling

Design
Verification

Pilot Simulation
Testing

Testing
Environment
Configuration

Operational
Requirement

Virtual Network
Simulation
(Testing/Training)

Cyber Operator
Training

Today's state-of-the art aircraft are designed, built, flown and even repaired in a totally virtual environment. All critical capabilities and scenarios are thoroughly tested with simulations before a single part is manufactured. The result--a safe, airworthy plane.

In a similar way, our robust **Cyber Simulation** suites enable our mission partners to design and test applications, train personnel, conduct exercises and much more--all in a safe, virtual environment.



**Lieutenant Colonel Michael P.
Anderson**

Class of 2010

Excelled as a comm officer and as a pilot of the Looking Glass Airborne CP; capped career as an astronaut on the Space Shuttle Columbia.



HALL OF FAME
CYBERSPACE OPERATIONS AND SUPPORT

CYBERSPACE OPERATIONS & SUPPORT HALL OF FAME



