MISSION

Provide information technology for the warfighter when, where, and how it is required and without interruption.

VISION

Achieve and sustain the most efficient, optimal organization, providing information technology to the warfighter in an interoperable, assured, and affordable manner.

GOALS

Achieve Operational Excellence
Share and Defend Information
Develop a Quality Workforce
Computing for the Warfighter

We run the IT systems that . . .

provide command and control support

provide medical care

integrate AF systems

provide secure computing
Computing Services Vision

• Operational excellence in all aspects of data center management
  – Facilities and Communications infrastructure
  – State-of-the-art toolsets for operators and technicians
  – NetOps processes and procedures

• A cost-effective business environment to support the warfighting customer
  – Consolidation and virtualization of computing assets, wherever practicable

• Service Support and Service Delivery processes that are guided by the IT Infrastructure Library (ITIL) framework
  – Security, OS and application patches stored and downloaded from a Definitive Media Library (DML)

• Speed in delivering capacity to the DECC floor
DECC Operations Overview

Operations Mission
Provide Service Desk functions; Incident, Problem, Change, Configuration, Release, Security, Capacity, Business Continuity, Service Level and Availability Management of computing products and services to combat forces, combat support forces; and integral/supporting business operations. Direct the delivery and support of computing products and services for operating systems, databases, networks, and applications; from unclassified through TS-SCI.

Computing Environment
13 facilities
- 3,000,000+ users
- 2800 application & database instances
- 34 mainframes
- 39,500 copies of executive software
- 215 software vendors
- 6100 servers
- 1700 terabytes of Storage

Organization
Chief of Staff/CIO
Technical Director
Performance Metrics
Director
Deputy Director
Lines of Business
Processor Storage Services
Resource Customer Operations Logistics Infrastructure

DECCs
- Systems Management Centers (SMC) – mainframes and servers
- OCONUS Defense Enterprise Computing Center (DECC)

As of 31 Dec 06
OPR: 1D
14 – DISA Facilities
40 – AF Bases
100 – Medical Treatment Facilities
4 Major Customers: AF, GCSS-JTF, FSO, AHLTA
Centralized & Remote System Administration
Net-Centric, Service-Oriented

• Basic Services
  – Systems Administration
  – Systems Security
  – Standard Operating Environment
  – Communications (glass-house)

• Optional Services
  – Application Support (level III)
  – Database Administration
  – Storage Services (external)

• Other
  – DoD Patch Management
Computing Environment

- **Budget** - $48 million annually
- **IT Hardware/Software** - $86 million
- **Personnel** – 419
  - Government Civilians – 218
  - Contractor – 201
- **Server Center of Excellence: Total Servers** – 2,179
  - AF: 1258 total with 308 remote
  - DOD: 460 total with 134 remote
  - MHS: 439 total with 157 remote
  - RSD: 22 total with 0 remote
- **Total Databases** – 2,014
  - Oracle - 911
  - SQL - 979
  - Other - 124
- **Storage Area Network Disks** - 1.6 PBs (1600 TB)
- **Applications Supported** - 98
Advanced Security Features
- Controlled Entry
- Video Surveillance

More than 100,000 SF
- 45,000+ SF raised floor
- 55,000+ SF office space
- 13,000+ SF mechanical space

Redundant Cooling
- One 500 Ton Chiller
- One 400 Ton Chiller
- One 720 Ton Chiller

2500 KVA – 12,470 Volts Electric Power Input
- Four 500 KVA UPS units inside mechanical area
- Four 1250 KVA Diesel Generators inside mechanical area

New HiTEC UPS system
- Three 1800 KVA fully redundant units
Joint Staff Focused Logistics Vision: Capacity, Control, Certainty

- the **right** personnel, equipment, supplies and support
- in the **right** place
- at the **right** time
- in the **right** quantities
- across the **full spectrum** of military operations

- Real time, web-based information systems, providing accurate, actionable visibility of a common relevant operational picture
- Effectively linking operator and logistician across joint forces, services, and support agencies
- Built on existing technology, products, procedures, & integration strategies
- Progress from web-enabled logistics to net-centric, collaborative logistics planning & execution
- Provides essential online resources for the Air Force at a single location

- Air Force’s vision of how we eliminate duplication, and integrate AF systems

- Available anytime and anywhere to all Airmen

- Allows users to quickly find authoritative, relevant data and information, applications and collaboration tools
• Secure DoD Patch Management
  – Master Windows Server Update Services (WSUS)
    • NIPR & SIPR
    • Cached for Distribution by GCDS
  – Patch Repository DML
    • Microsoft, Solaris & HP
    • NIPR, SIPR, and support to JWICS
    • Various related products (HBSS, Antivirus engines, ADT, CyberSoft)
  – Antivirus automated update site
    • McAfee and Symantec
  – Gold Disk electronic download and physical reproduction / distribution
AHLTA

- A Computer-Based Patient Record (CPR)
  - Integrates patient’s Lifetime Healthcare Data
- Fully Compatible with other military systems
- AHLTA is Military Healthcare System’s first net-centric application
- Shares information among different military treatment facilities
  - Supports data exchange with VA
Looking Ahead

- **Optimization**
  - NETOPS Readiness
  - Information Security
  - Configuration Management
  - Customer Relationships

- **Data Center of the Future**
  - Always On and Always Secure
  - Unbounded Capacity
  - Emphasis on Quality of Service

*Mission First...People Always!*
Why Are We Unique

• Gartner Survey – “Best in Class”
• Most efficient server management
• 33% of Computing Services Division (CSD’s) server workload
• CCC - 50% of the DECC’s LAN
• Specialized skillsets for AHLTA and SANs
• Relationship with local university and high schools
• Layered defense in a hardened facility
• IT Infrastructure Library (ITIL) best practices
• Lean Six Sigma methodology
In Conclusion

• DECC Montgomery is dedicated to the deployment, employment, and sustainment of a military force

• Cannot be successful without customer partnerships

• Teamwork will help position us as we continue to support Net-Centric Enterprise Services