

# ***Headquarters U. S. Air Force***

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*Integrity - Service - Excellence*

## ***The AF CIO Perspective*** ***AF IT Services Strategy*** ***Industry Day***



**3 Feb 04**

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# Supporting the Warfighter

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## *OIF Quick Look*

“A more powerful individual Airman, enabled by knowledge, influenced precision, speed, and lethality”



***OIF Quick Look*** “We need to eliminate information gaps...”  
“Information infrastructure struggled to meet demands of rapid long-distance operations”



**We must fundamentally transform our Combat and Support capabilities by leveraging information technology across the Air Force enterprise to achieve our mission**



# *AF Enterprise Vision*

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*“What’s important is bringing together the mass of data flowing into the system and automatically turning it into “decision-quality” information for commanders.”*

*General John Jumper*

TODAY

**“Data Overloaded,  
Information Starved”**

Roadmap

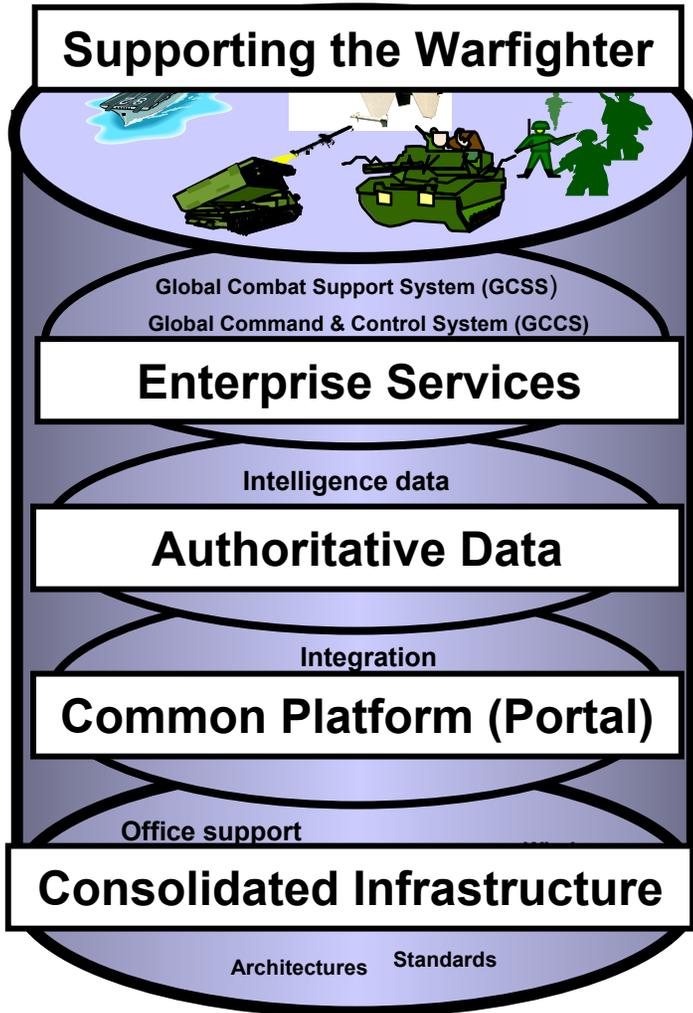
TOMORROW

**Right information  
to the right person  
at the right time**



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# What's Our Vision

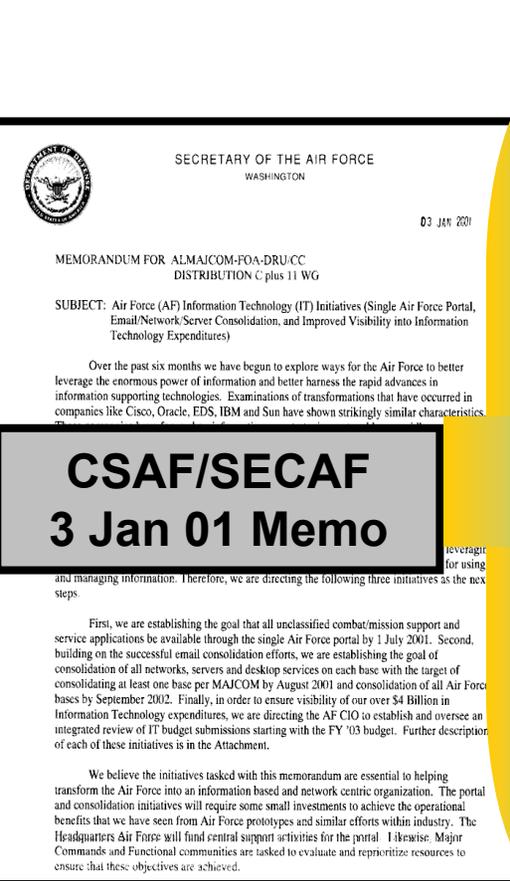


**A single global network,  
populated with  
authoritative, relevant,  
and sufficient  
information...capable of  
delivering this decision-  
ready information across  
spectrum of military  
operations**



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# The Path We've Taken



SECRETARY OF THE AIR FORCE  
WASHINGTON

03 JAN 2001

MEMORANDUM FOR ALMAICOM-FOA-DRU/CC  
DISTRIBUTION C plus 11 WG

SUBJECT: Air Force (AF) Information Technology (IT) Initiatives (Single Air Force Portal, Email/Network/Server Consolidation, and Improved Visibility into Information Technology Expenditures)

Over the past six months we have begun to explore ways for the Air Force to better leverage the enormous power of information and better harness the rapid advances in information supporting technologies. Examinations of transformations that have occurred in companies like Cisco, Oracle, EDS, IBM and Sun have shown strikingly similar characteristics.

**CSAF/SECAF  
3 Jan 01 Memo**

leveraging for using and managing information. Therefore, we are directing the following three initiatives as the next steps.

First, we are establishing the goal that all unclassified combat/mission support and service applications be available through the single Air Force portal by 1 July 2001. Second, building on the successful email consolidation efforts, we are establishing the goal of consolidation of all networks, servers and desktop services on each base with the target of consolidating at least one base per MAJCOM by August 2001 and consolidation of all Air Force bases by September 2002. Finally, in order to ensure visibility of our over \$4 Billion in Information Technology expenditures, we are directing the AF CIO to establish and oversee an integrated review of IT budget submissions starting with the FY '03 budget. Further description of each of these initiatives is in the Attachment.

We believe the initiatives tasked with this memorandum are essential to helping transform the Air Force into an information based and network centric organization. The portal and consolidation initiatives will require some small investments to achieve the operational benefits that we have seen from Air Force prototypes and similar efforts within industry. The Headquarters Air Force will fund central support activities for the portal. Likewise, Major Commands and Functional communities are tasked to evaluate and reprioritize resources to ensure that these objectives are achieved.

## PORTAL

All unclass support and self-service apps available through the single AF Portal

- Fielded the next generation Portal
- Personalized access
- Hundreds of support services
- Personnel, financial, and medical

## Infrastructure

Consolidation of all networks, servers and desktop services

- Huge strides in consolidation
- Over 4,000 servers eliminated
- 1,000+ man-years productivity plus-up
- More effective, robust, secure system

## IT Investment

### Visibility

AF CIO establish and oversee an integrated review

- Process is in place
- Training performed
- Capital Investment planning will make a difference



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# The Course We've Set

## PORTAL

Continue our corporate commitment to the AF Portal

- All personnel will have an account
- Continued migration of applications
  - AFPC Secure, web-based email
- Common look and feel
- Single structure and mgt process
- Role based access; single sign on

## IT Services

Transition to enterprise-wide standard services with guaranteed performance

- AF CIO, AF/XI develop strategy
- Software development guidance
- Standard approach to wireless
- User-level standards - tools and processes for real-time monitoring, management and display

## Portfolio Mgt

MAJCOM/Functional communities to implement portfolio management

- Processes to be in place for FY06 POM
- AF-CIO provide training; standard tools
- Synchronize with the Communications Blueprints and Comm Readiness Review



THE SECRETARY OF THE AIR FORCE  
CHIEF OF STAFF, UNITED STATES AIR FORCE  
WASHINGTON DC

DEC 3 2003

MEMORANDUM FOR ALMAJCOM-FOA-DRU/CC  
DISTRIBUTION C

SUBJECT Air Force (AF) Information Technology (IT) Initiatives (CSAF/SECAF  
3 Jan 01)

Since we started our AF IT Initiatives in January 2001, we have achieved significant benefits in each of the three focus areas: network/server consolidation, the AF Portal expenditure visibility. Your innovative solutions resulted in a more effective and secure environment, eliminated well over 4,000 servers, and gained over 1,000 man-years of productivity improvements. We fielded the next generation Portal with personalized hundreds of AF combat support services and personnel, financial, and medical information.

## CSAF/SECAF 3 Dec 03 Memo

account and all self-service capabilities will be available on the Portal. Finally, to improve our ability to deliver IT capabilities within current resource levels, we direct MAJCOM and Functional communities to implement portfolio management for their IT investments and evaluate those investments against our AF standards and vision. Additional details of these initiatives are attached. The AF CIO will provide additional guidance to the field and AF/XI, will update us quarterly on progress.

We commend the hard work and successes achieved to date. The FY04 and FY05 priorities attached are expected to be "funding neutral" as projected initiatives are within the current IT program. As such, implementation of FY04 and FY05 activities will not require "new money" to meet the objectives defined above. Any additional funding requirements for these initiatives should be addressed in your FY06 POM.

John P. Jumper  
General, USAF  
Chief of Staff

James G. Roche  
Secretary of the Air Force

Attachment:  
AF IT Initiatives FY04 and Beyond



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# Summary

- **Enterprise Strategy....aggressive schedule**
- **What can Industry do?**
  - **Share best practices/Lessons Learned**
  - **Partner w/Industry to achieve Vision**

**Vision: Precise, decision quality information ...integrated and fused... supporting the warfighter!**



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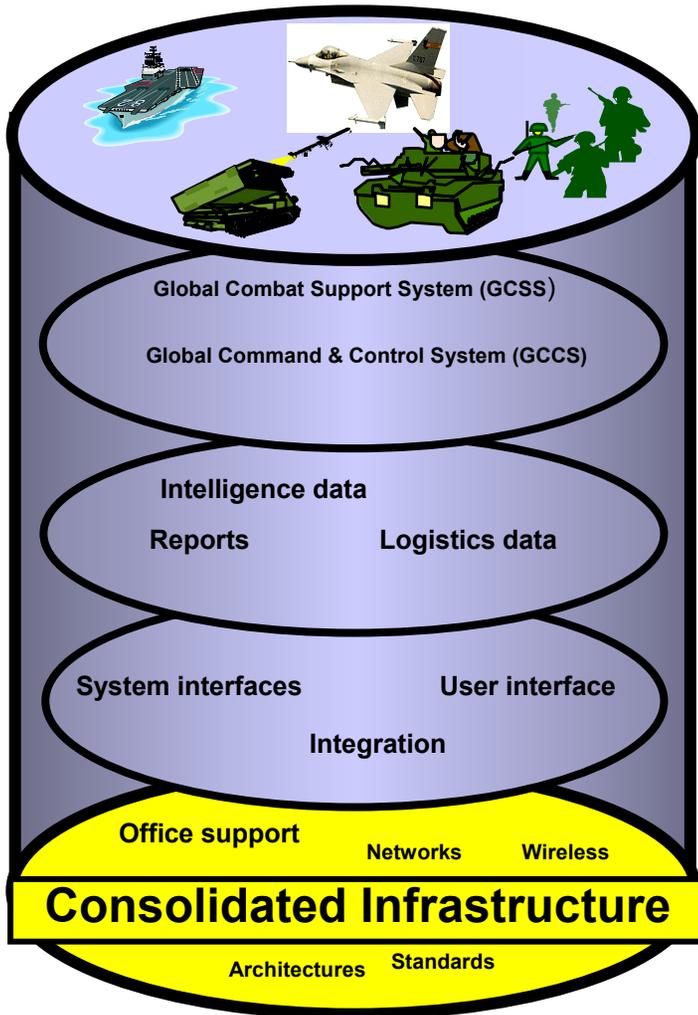
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# *Backup*



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# Consolidated Infrastructure

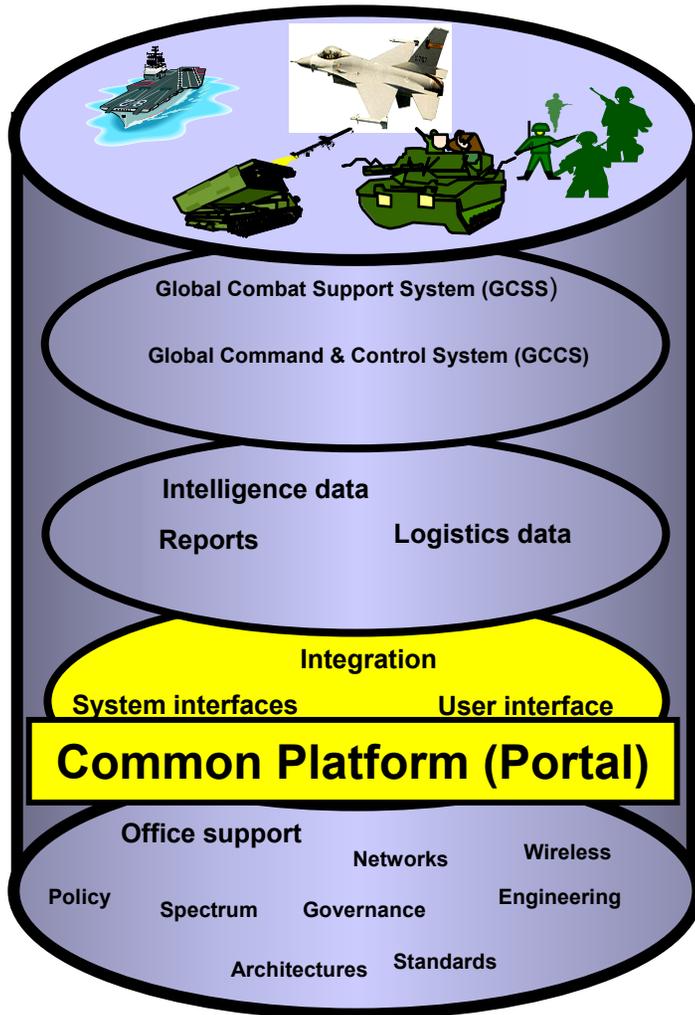


- **Common, centrally managed**
  - Networks
  - Core Services
  - Desktop
- **Base level consolidation largely complete**
- **Progressing toward MAJCOM-wide, Regional, Centralized AF-wide**
- **NIPRNet and SIPRNet**



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# Common Platform: for example GCSS-AF/AF Portal

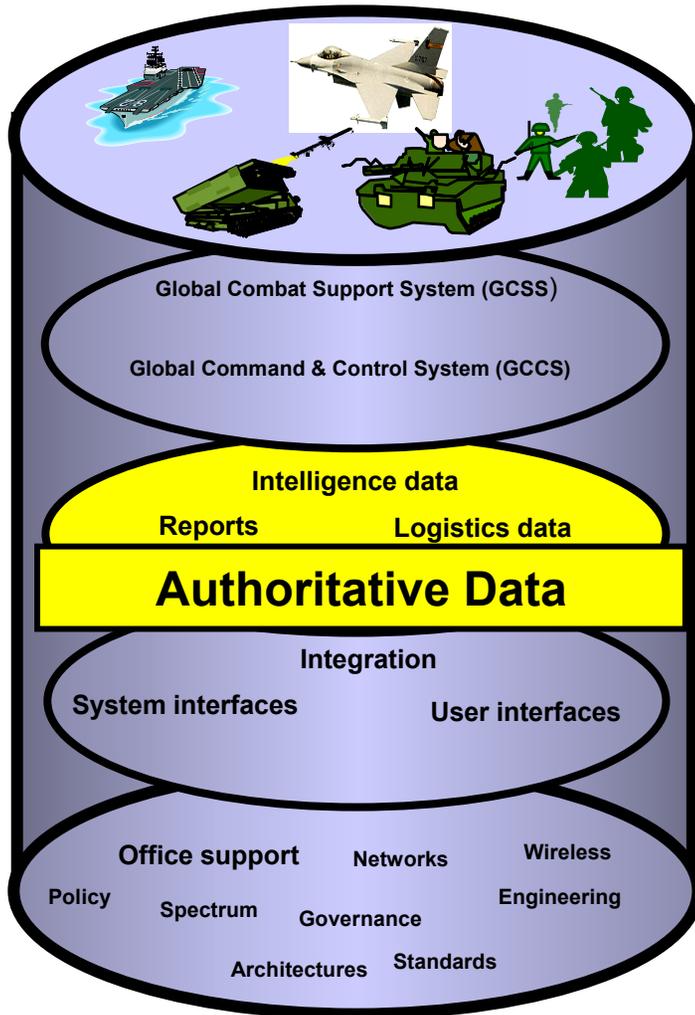


- **Standards based platform**
  - Common user interface (Portal)
  - Application / service integration (GCSS-AF)
- **Platform availability to match operations needs**
- **Support for every AF member**
- **Role-based access**
- **Single sign-on for all applications / services**



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# Authoritative Data

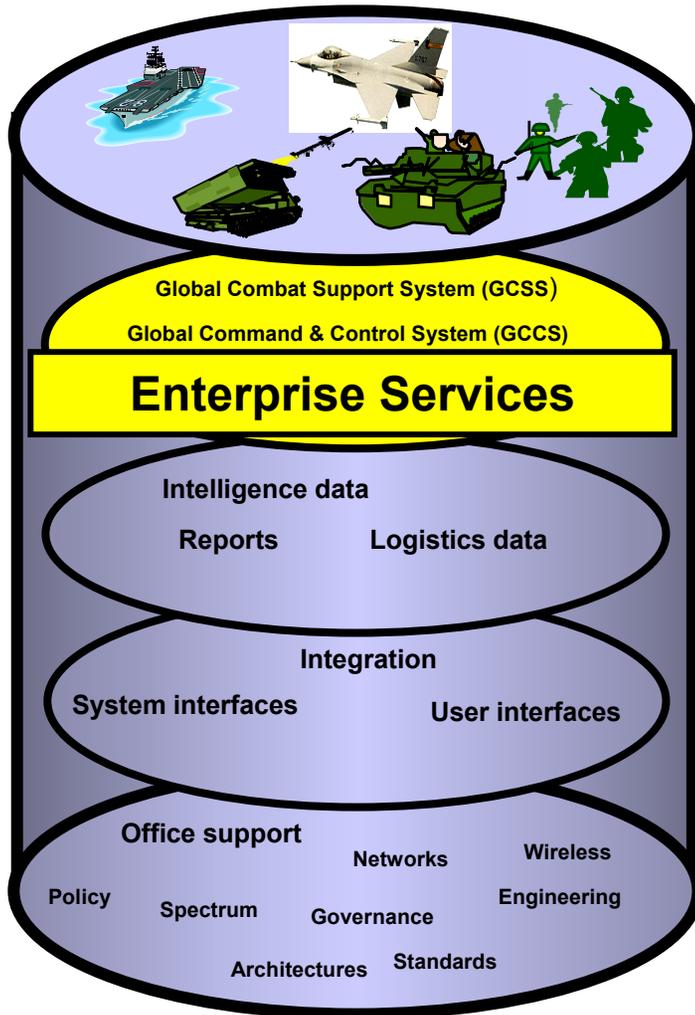


- **Single Authoritative data source (*data owners / stewards*)**
- **Common data representation (*XML*)**
- **Established Data Repositories (*data warehouse*)**
- **Access anytime-- anywhere (*web access*)**



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# Enterprise Services



- Everything an Airman needs to do his / her job on one web-based platform
- All applications / services on the common platform
- Flexible integration of disparate applications / services and data to support dynamic mission needs