

***GCCS AF Windows NT Workstation  
Standard Configuration for ANG***

**GCCS AF Users Conference**

**11-12 May 1999**

**Mr. Charles D Morris  
Center for Air Force C<sup>2</sup> Systems  
email: [cmorris@mitre.org](mailto:cmorris@mitre.org)  
(781) 271-2443**

# Briefing Topics

*GCCS AF Users Conference*

- **Driving Factors for a Standard Configuration**
- **ANG Rollout Configurations**
  - **Hardware Platform**
  - **Operating System and Infrastructure Baseline**
  - **Mission Application Baseline**
- **Process for Creation and Distribution**
- **Status**

# Driving Factors for a Standard Configuration

*GCCS AF Users Conference*

- **“Blessed” DISA / J6 Baseline Operationally Unusable**
  - Many Mission Critical Applications not in the Baseline
  - Many Mission Critical Applications not Segmented
  - Many Segmented Applications in the Baseline not Accredited
  - Installation procedures are Tedious, Manpower Intensive, and Error Prone
  - Typical NT Workstation Installation requires 6-7 Hours per seat, and must be done “at the keyboard”
  - GCCS COE NT Installer does not Support Enterprise Deployment
  - Licensing Issues left as a local problem !
  - Security Accreditation of apps left as a local problem !

# Objective for the ANG Rollout Configuration:

*GCCS AF Users Conference*

- **Provide a flexible, feature-rich, state-of-the art, GCCS/DII COE compliant NT workstation**
- **Provide an AF-Wide Accredited baseline with as many applications (user requested) as ESC can afford to license**
- **The installation and setup must**
  - **Install Unattended, (no user invention once started)**
  - **Install “Locally” or “Over the Net”**
  - **Fully Functional in Less than One Hour**

# ANG Rollout Configuration

## - Hardware Platform

*GCCS AF Users Conference*

### Gateway E-5200

Intel Pentium II 400Mhz

Patriot Motherboard (Dual CPU capable) w/512 MB Cache

**Memory:** 64MB – 1GB ECC SDRAM

**Monitor:** VX700 Color Monitor

**Case:** 7 Bay E Series Mid-Tower Case

**Hard Drive:** 13.5 GB 7200RPM Ultra ATA [Removable Drive Case]

**CD ROM:** 17- 40x EIDE Drive

**Diskette:** LS-120 120 Mbytes UHD Diskette

**Graphics:** AccelGraphics Permedia 2 (8GB SDRAM)

**PCMCIA:** ActionTech 700 Dual Slot Reader

**NIC Card:** Allied Telesis AT2450 Fiber Optic/10BaseT

# ANG Rollout Configuration

## - Operating Software Baseline

*GCCS AF Users Conference*

- **Microsoft Windows NT 4 Workstation**
  - Service Pack 4 [Expected to go to SP5 in Final]
  - Post SP4 Hot Fixes (3 presently)
  - Internet Explorer 4/5 Core dlls and Services
- **Auto Detection and Driver Installation for:**
  - MS IntelliMouse
  - EIDE Mass Storage Interface
  - 3D Graphics Accelerator Video Card
  - PCI Audio Card
  - PCMCIA Card Reader
  - Fiber Optic NIC Card
  - LS 120 Ultra High Density Floppy Disk Drive
- **DII COE Kernel 3.4.0.2**
- **DII COE Segment Descriptor Files [SDFs]**

# ANG Rollout Configuration

## - COTS Application Software Baseline

*GCCS AF Users Conference*

<u>Application</u>	<u>Beta Delivery</u>	<u>Final</u>
Acrobat Reader	3.0	4.0
CardWizard	4.1	5.0
Diskeeper	3.4	4.0/SR1
Form Flow	2.2	2.2
MS IE Components	4.0 /SP 1	5.0
Netscape	4.1	4.51
Norton Antivirus	5.0	5.0
MS Office Pro /SR2	97	2000?
NCD PCXWare	5.1	5.1
NT Resource Kit	v1/S2	v1/S3
WinZip	6.3/SR1	7.0
WS FTP32	4.6	6.0

# ANG Rollout Configuration

## - GOTS Application Software Baseline

*GCCS AF Users Conference*

<u>Application</u>	<u>Beta Delivery</u>	<u>Final</u>
DII COE Kernel	3.4.0.2	3.4.0.2
C2PC	5.0.2.0	5.0.2.4
SECUTL	3.4	3.4
SARA-Lite	1.3	Removed
DMS-Outlook 98	N/A	2.0

# AF GCCS NT Rollout Status

*GCCS AF Users Conference*

- **Beta 1 Delivered ESC DII (12/31/1998)**
- **Beta 2 Delivered to Test Sites (28 January 1999)**
  - Feedback to ESC DII ended 15 April 1999
- **Beta 3 Delivered to Gateway for Inclusion on first buy**
  - Installation Teams will replace the Beta3 with final
- **Final NT Configuration Planned for 10-15 July 1999**
- **Security Testing for “Air Force Wide” ATO**
  - Has been in planning in parallel with this effort
  - Will be based on the Final Configuration
  - AFIWC, DISA, and NSA have been asked to participate
- **Next Steps:**
  - NT Server, Terminal Server, Back Office Servers
  - NT Infrastructure Servers [WINS,DNS, Active Directory, etc, ]
  - Windows 2000 Planning

*Windows NT  
ANG GCCS AF Baseline Status  
Questions ?*

**Mr. Charles D Morris**  
**Center for Air Force C<sup>2</sup> Systems**  
**email: [cmorris@mitre.org](mailto:cmorris@mitre.org)**  
**(781) 271-2443**