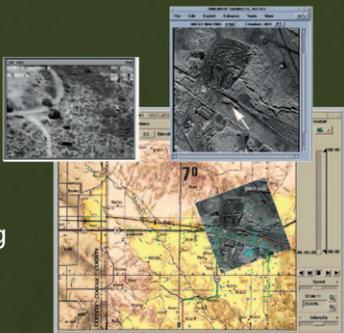




What's New

- Full CGS and DCGS-A Motion Imagery capabilities with advanced analyst tools for mission operations and ISR forensics
- Video Processing Capability (VPC) for processing MISP Compliant MPEG2/H.264 video streams
- Global Broadcast System (GBS) and One System Remote Video Terminal (OS-RVT) near real-time video for processing



Communications

- VOIP system interface for intercom and voice communications for multiple radios

Workstations

- High-end analysis laptops with dual 20" monitors, analyst toolsets for MTI, imagery and full motion video as well as a full suite of Microsoft Office® automation products

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Program Sponsors

United States Army
 Distributed Common Ground System –
 Army Program Management Office
 CECOM LCMC Software Engineering Center
 CECOM LCMC Logistics Readiness Center
 Tobyhanna Army Depot

www.gdc4s.com/cgs

DCGS-A Enabled Common Ground Station



In Depth ISR Exploitation and Analysis

GENERAL DYNAMICS
 C4 Systems



Proven in Combat Operations

Today, 102 Common Ground Station and 70 Joint Service Workstations (modular CGS variant) are deployed and supporting US Forces around the world.

Maintaining **98 percent operational availability**, the CGS now provides DCGS-A capabilities.

In addition, the DCGS-A Enabled CGS:

- Supports real-time mission operations and post-mission forensics analyses of multi-INT
- Substantial increase in ISR data processing, analysis, and dissemination capabilities in the same footprint
- Supports full system functionality via remote PC workstations
- Dissemination of ISR data and products via the DCGS-A Integration Backbone (DIB)

Hardware

Servers

- 2 X Sun T5220 with 8 cores, 64 threads.
800% increase in processing power over previous CGS
- 32 GB Ram
- Solaris™ 10 Operating System
- 2 X Crystal Server supporting 8 MISP compliant video feeds

RAID

- 24TB

Workstations

- 3 - Dell 6500 Series Laptops

Network

- Cisco Gigabit 48 Port Switch
- 10/100/1000 Ethernet

SATCOM(Data)

- PSC-5D and VDC-500 (TCP/IP over SATCOM)

Global Broadcast System

OS-RVT

- UHF, C/L and KU band supporting various direct UAV links

Tactical Comms Data Link

- Mini-T2 • 274 MB/s data link

Capabilities

Interfaces

Joint STARS	Battle Command
ASTOR/Sentinel	ADSI
U2	AFATDS
ARL	ASAS
P3 LSRS	IAS
Multiple UAVs	DIB
SIGINT IBS	STANAG 4607
GBS	On-the-Move Ops
OS-RVT	
JVMF, USMTF Compliant	

Analysis Tools

- SOCET GXP
- ISR Forensics
- MOVINT Client
- MI Screener and Reports
- CGS Common Software Baseline
- PSS-SOF

