

# Special Operations Forces Industry Conference



**Mr. Tony Davis**  
Program Manager-C4P

A photograph of a person in a military uniform operating a computer workstation in a control room. The person is wearing a headset and is focused on the multiple monitors and equipment. The room is filled with technical equipment, including a large satellite dish antenna on the left and various racks of electronic equipment on the right. The background is a dark, industrial setting with red lighting accents.

**C-4 Command, Control  
Communications, and Computers**

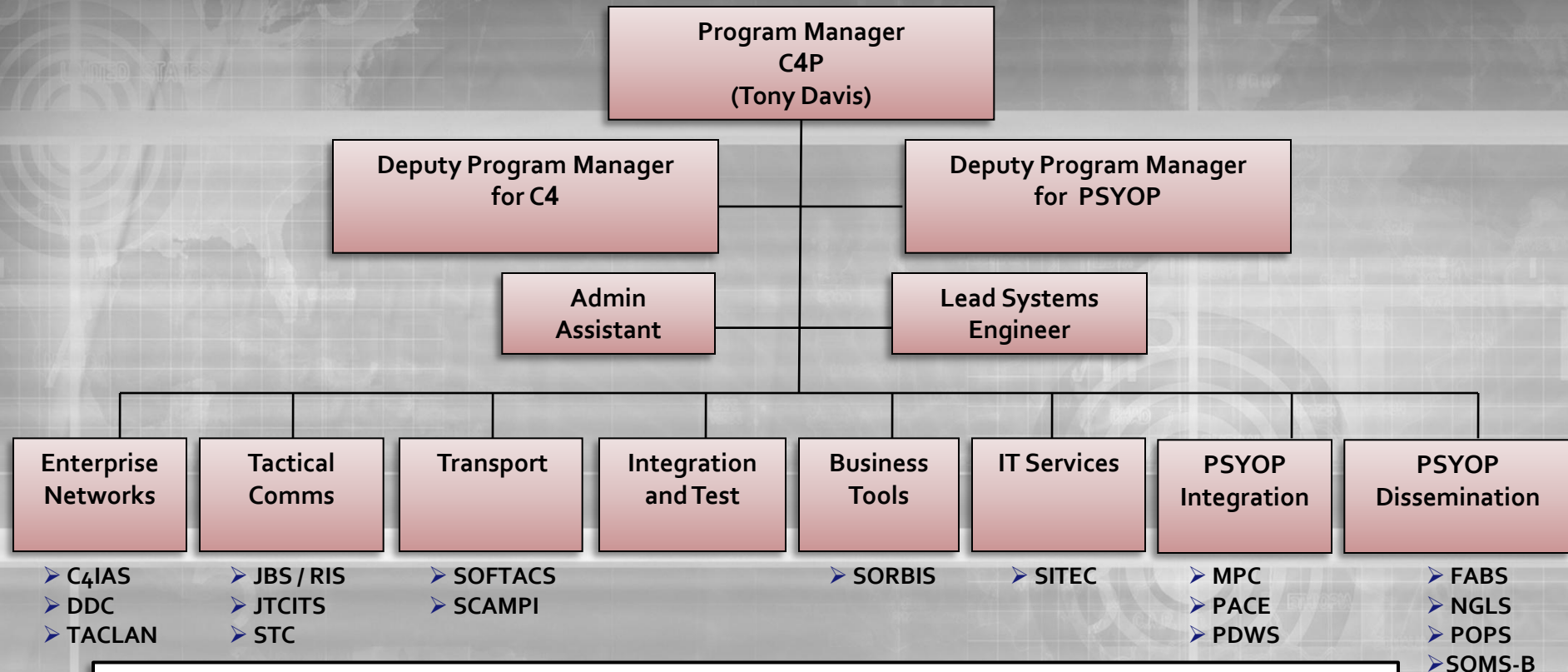
# Overview

- Organization
- Program Families
- Focus Areas
- CRADAs

**C-4 Command, Control**  
**Communications, and Computers**



# Program Manager - Command, Control, Communications, Computers, and Psychological Operations (C4P)



**C4IAS** - Command, Control, Communications, Computers, and Intelligence Automation System  
**DDC** - Distributed Data Center  
**FABS** - Fly Away Broadcast System  
**JBS / RIS** - Joint Base Station/Radio Integrity System  
**JTCITS** - Joint Tactical C4I Transceiver System  
**MPC** - Media Production Center  
**NGLS** - Next Generation Loudspeaker System  
**PACE** - Planning and Analysis Collaborative Environment  
**PDWS** - Product Development Work Stations

**POPS** - Psychological Operations Print System  
**SCAMPI** - Not an Acronym  
**SITEC** - Special Operations Forces Information Technology Enterprise Contract  
**SOFTACS** - Special Operations Forces Tactical Assured Connectivity Systems  
**SOMS-B** - Special Operations Media System – Broadcast  
**STC** - Special Operations Forces Tactical Communications  
**TACLAN** - Tactical Local Area Network

# C4 Program Families

**BFT**

**STC**

**RIS**

**JTCITS**

**Tactical Comms**

**TACLAN**

**C4IAS**  
**SIPRNET**  
**NIPRNET**

**C4IAS DDC**  
**Enterprise Networks**

**USSOCOM WAN Architecture (SCAMPI)**

**SCAMPI**

**PDS**

**SDN**

**Transport**

**SORBIS**  
**Business Tools**

**SOF Integration Facility (SIF)**  
 Enterprise Integration and Tooling

**NIPRNET**  
**SIPRNET**  
**SOCRATES**

**SOF Integration Facility**

**SITEC**  
**Enterprise Services**

# Tactical Comms

- Friendly Force Tracking coverage and form factors
- Joint Tactical C4I Information Transceiver System (JTCITS)
- Next Generation Tactical C3I (NGT C3I)
- Network extension and flexibility



**C-4 Command, Control**  
Communications, and Computers





# Transport

- Wide Band SATCOM COTM
- Deployable/mobile cell systems
- Next generation crypto products
- MSSEP requirements



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Communications, and Computers



# PSYOP System Families



FABS V1 TV Section



FABS V1 Radio Section



FABS V2 TV Section



FABS V1 TV Section



SOMS-B V2

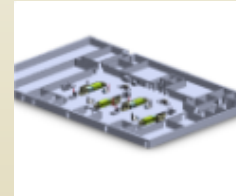
*Broadcast*



POPS Light



POPS Medium



POPS Heavy Print



Manpack - Ground Vehicle



Ground Vehicle - Watercraft Variant



Unmanned Ground Vehicle

*Next Generation Loudspeakers*



*Media Production Center*

## Planning and Analysis Collaborative Environment (PACE)

Planning I	Target Audience Analysis II	Series Development III	Product Development & Design IV	Approval V Product Distribution & Dissemination VI	Evaluation VII
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PDWS Light-Medium



*Deployable Production Kits*



# PSYOP System Families (Continued)

## Current Systems



FABS V1 AM Section



FABS V1 FM Section



FABS V1 Shortwave Section



FABS V1 Audio Production Section



FABS V1 TV VHF Section



FABS V1 TV UHF Section



FABS V1 Video Production Section



SOMS-B V2  
(Mobile System)

Broadcast

## Future Needs

- Smaller, Lighter, Software Defined Radio (SDR)
  - Transportable By Commercial Air
  - Checked Baggage
  - Open Source Software
  - Interoperable With Legacy Equipment
  - Man Transportable Antenna To Support Broadcast Ranges
    - AM 30 Miles
    - FM 20 Miles
    - Shortwave 800 Miles
    - VHF TV 10 Miles
    - UHF TV 10 Miles
  - All In One Transmitter
    - Analog and Digital
    - Radio and Television
- C130 Transportable, Smaller Mobile Broadcast SDR
  - Self Contained Power Generation
  - Equipment
  - Motorized Vehicle Antenna To Support SDR Ranges With AM Broadcast Of 60 Miles

# C-4 Command, Control Communications, and Computers

Media Production Center



Deployable Production Kits



# PSYOP System Families

## *Planning and Analysis Collaborative Environment (PACE)*

Planning I	Target Audience Analysis II	Series Develop- ment III	Product Develop- ment & Design IV	Approval V Product Distribution & Dissemination VI	Evaluation VII
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- **PACE: System of Systems**
  - Encapsulates The Seven-Step PSYOP Process
  - Provides Automation Tools For PSYOP Planning, Target Audience Analysis, Product Development , Distribution And Dissemination
- **Future Capability: Forecasting PSYOP Effectiveness**
  - Combine Select Mathematical Methods From Operations Research, Market Research, Psychology, Sociology And Economics To Produce Useful Tools For The Quantitative Assessment Of Influence Operations

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Communications, and Computers



# CRADA Opportunities

- Tactical Communications—consolidation of capabilities, vehicle/boat/dismounted operational flexibility
- Transport—mobile communications size and coverage, fixed site acceleration and optimization
- Video distribution and storage—introduction of industry best practices and technology into operational environment

**C-4 Command, Control**  
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