

***United States Space Force  
Space Systems Command  
Commercial Satellite  
Communications Office (CSCO)***

# ***Federal Networks 2023***

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Space Systems Command  
United States Space Force  
Current as of September 20, 2023**



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# ***Federal Networks 2023 Topics***

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- **CSCO and Our Mission**
- **EMSS – an enduring archetype**
- **CSCO's PLEO Acquisition**
- **MEO and NATO**
- **CSCO and DISA Strategic Partnership**

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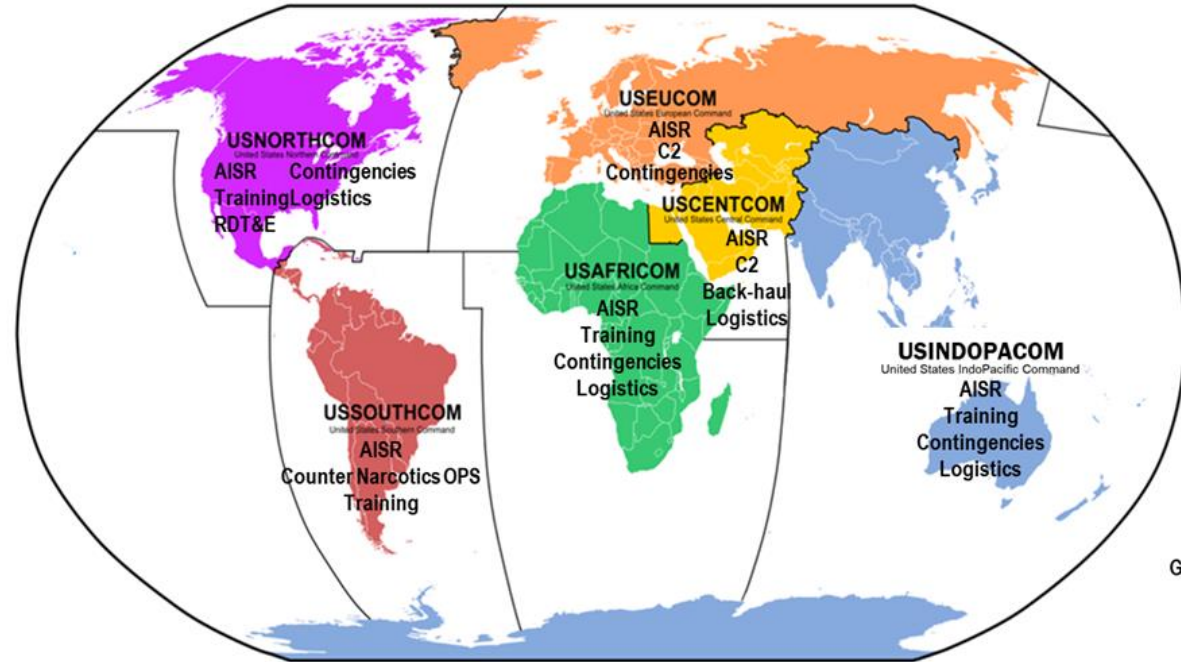


# CSCO Mission

## Mission Support Snapshot (01 SEP 23)

### Mission Statement

*Deliver global-reach, operationally responsive, customer-focused, and cost-effective Fixed Satellite Services (FSS), Mobile Satellite Services (MSS) and Custom End-to-End Solutions to DOD and affiliated Mission Partners and End-Users*



### Global Requirements



Senior Leader Communications



Global Logistics Communications



Global Maritime Operations  
Combat Operations  
Contingency Operations

### Current Snapshot

#### Wideband:

- **135 Active Orders**
  - 9.4 GHz of bandwidth
  - 3.3 Gbps throughput
  - 92.4% of DOD bandwidth
  - 95.6% of DOD throughput
  - 87.7% of DOD expenditures

#### EMSS:

- **160,000 Devices in Operation on DOD Network**
  - 99.98% Access Success Rate

#### MSS:

- **5 Global MSS BPA Contracts**
  - 4100 active MSS SIM Cards
  - 660 active non-SIM Subscription Plans



## *...Much More Than Acquisition Support*

- **Focal point for COMSATCOM acquisitions & services across DoD**
  - **Supporting evolving force design future architecture that includes a significant commercial services component**
- **CSCO is a SERVICE PROVIDER**
  - **A one-stop provider of DoD COMSATCOM services**
  - **An integral component of the DoD SATCOM enterprise**
- **CSCO Mission & Processes are evolving**
  - **Increased access to commercial space-based capabilities**
  - **Expanded Service Catalog**
  - **Increased Speed of Delivery**



***Mission Partner-focused Services & Support***



# Enhanced Mobile Satellite Services



For over two decades, the EMSS Program has provided Iridium services, equipment, gateway operations, and operational support

## Iridium Constellation

- 66 Satellites
  - Crosslinks – built in security
- LEO Orbit – Low latency
- 100% Global Coverage
  - Including polar coverage
- Higher power broadcast
- Localized spot beams

## Unlimited Use Airtime Contract

- Unlimited minutes, and data
- No monthly fees
- PTT Netted and Global Communications
- Telephony (Secure Voice)
- Short Burst Data (messaging and asset tracking)
- Broadcast

## DoD EMSS Service Center

- DISA Owned & Operated
- Secured facility
- Dedicated U.S. feeder link to Iridium constellation
- PSTN/DoDIN/NIPRnet and other network interfaces
- Low-to-High rate data services (Certus)\*

\* Certus Service currently available through Commercial IRIDIUM Gateway

- **Over 167,000 commercial & custom devices** registered
- Customers Include: DoD, US Federal Gov't & Foreign Partners
- 24x7x365 Help Desk and field operations support





# PLEO Acquisition

## Multi-Award Indefinite Delivery Indefinite Quantity (IDIQ)

- \$900M contract ceiling; 10-year PoP started July 2023
- On-ramp opportunities for new entrants and new services

## IDIQ scope covers any service based on LEO satellites:

- Wideband/Narrowband SATCOM, PNT, etc.
- User equipment and ground connectivity
- Trial and operational use; access to pre-operational satellites
- Allows tailoring of services to government-specific use cases, such as Committed Information Rates (CIR), Priority, etc.

## Systems whose services are on contract today:

- SATCOM available now: Certus, OneWeb, Starshield
- SATCOM coming "soon": Kuiper, Sky&Space, SkyReach

## Current PLEO IDIQ Holders

- |                   |                  |
|-------------------|------------------|
| • ARINC           | • OneWeb         |
| • Artel           | • PAR Government |
| • Capella Federal | • RiteNet        |
| • BlackSky        | • Satcom Direct  |
| • DRS GES         | • SpaceX         |
| • Hughes          | • Trace Systems  |
| • Inmarsat        | • UltiSat        |
| • KGS (Amazon)    | • Honeywell      |
| • Intelsat        | • AT&T           |
| • Communications  | • Iridium        |

- Want to Order Services and Equipment? It's easy...***
1. Send an email to the PLEO team
  2. Fill out a brief survey about your requirements
  3. Review your cost estimate and send your funds
  4. Activate and start using your new service!

**The PLEO Team can be reached at - [disa.meade.ie.mbx.disa-ieb2-csco-pleo@mail.mil](mailto:disa.meade.ie.mbx.disa-ieb2-csco-pleo@mail.mil)**



# Enterprise HTS Additions (aka mPower)

## ■ CSCO is developing access to new and improved mPOWER services (MEO)

- Additional CLINs for O3b mPOWER on CSCO's existing Enterprise HTS IDIQ
- NATO Agreement
- Potential for sovereign O3b mPOWER Gateways at DoD Teleport facilities

## ■ Benefits to DoD

- Task order contract vehicle provides access to services through CSCO
- Significantly reduced procurement times
- DoDIN interconnects

## ■ Anticipate adding mPower services as system reaches FOC (estimate 3Q CY24)



### **NSPA Partnership**

- *Enables acquisition of COMSATCOM capabilities through NATO Support & Procurement Agency (NSPA)*
- *CSCO is the US representative in this partnership*
- *Initial partners: USA & Luxembourg*
- *Status: Working with NSPO on the contract framework, working with DOD on initial Task Order requirements*



# ***CSCO and DISA Strategic Partnership***

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- **CSCO and DISA work together continuously to deliver network connectivity to the warfighter providing integrated end-to-end networks in support of DOD missions**
  - **CSCO provides the commercial satellite network transport for DOD networks**
  - **DISA provides terrestrial backhaul and DOD Satellite Gateways**
- **CSCO works with DISA to integrate commercial capabilities and capacity into DOD Gateway sites**
- **Opportunities exist for DISA industry partners to support the mission through network management, COMSATCOM infrastructure as a service (to include Gateways As a Service) and other capabilities**
- **Direct to Device Satellite Cellular is an area that CSCO and DISA are actively evaluating with our mission partners and suppliers in order to be ready to exploit these disruptive capabilities as they come on-line**





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# *Contact, Questions, & Discussion*

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