

# PALOMAR

Secure Software Defined Intercommunication Systems



**Secure**



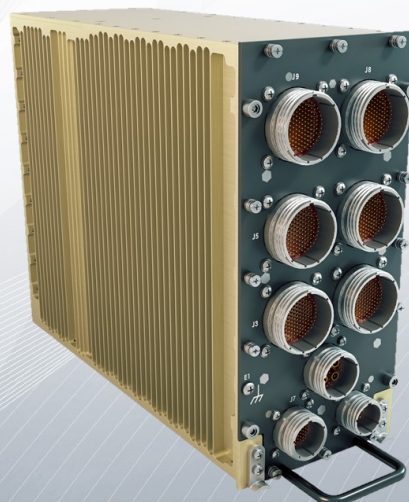
**Spatial Audio**



**VoIP**

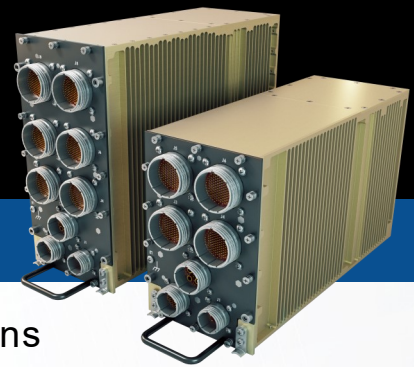


**Wireless**

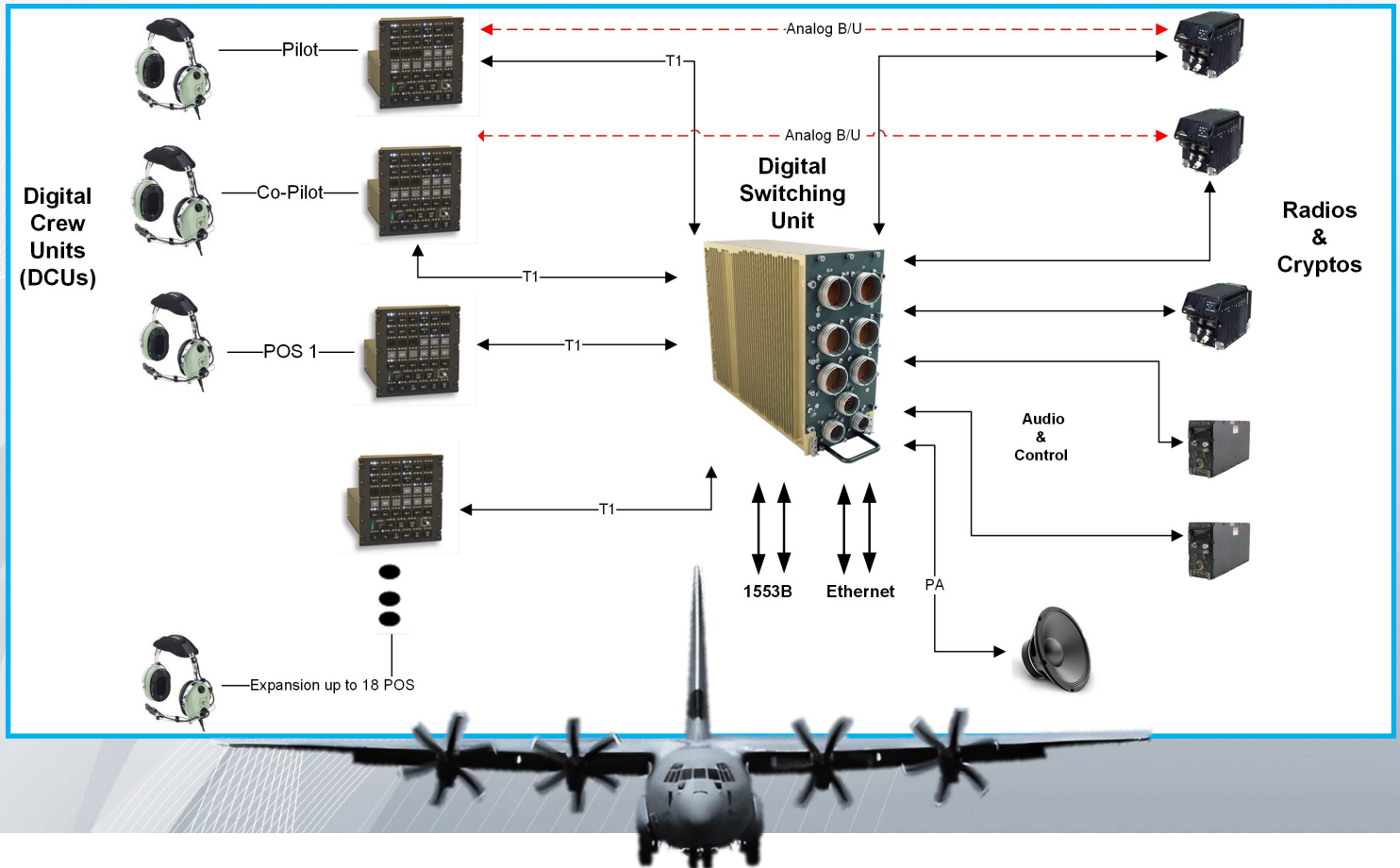


# SCS 3.0 Compact Digital

Palomar Systems - Safe & Secure



**SCS 3.0** provides users with a multilevel secure communications system coupled with an industry leading scalability that supports integration of communication systems for a wide range of platforms and missions, from compact to large secure ISR aircraft, to sizable multilevel secure, battle-ready tactical installations.



## Key Features

- ◆ Scalable Architecture. Single DSU: 18 Tx/Rx and 18 Rx Ports up to 18 Crew Units. Expandable: 36 Tx/Rx and 36 Rx Ports up to 32 Crew Units.
- ◆ ICS Operational within 1 second of Power On
- ◆ Full ICS Operation within 30 seconds
- ◆ Simultaneous clear and secure operation
- ◆ Reduced size, weight & power
- ◆ Ethernet & 1553 Interfaces
- ◆ Red/Black separation greater than 100 db at 1KHz
- ◆ Certified multi-level secure per NSTISSAM / TEMPEST 1-92 Level 1 and TEMPEST 2-95
- ◆ DO-178B & DO-254 Certifiable

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