



Advanced Technologies Company



Special Missions Systems

# What We Do

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DPI Labs specializes in design, and manufacturing of aircraft cabin management, cabin lighting and onboard communications systems for both civil and government aviation applications.

The company has 30 years of extensive experience with government special missions and head of state aircraft.

DPI is an innovative and agile organization that is able to help our customers develop exactly what they need efficiently and effectively.



# History of Excellence and Ingenuity

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- Established in 1986
- Pioneered Membrane Switch Technology
- Developed Full Aircraft Cabin Management Systems Capabilities
- OEM Supplier to Gulfstream, Bombardier, Boeing, Dassault, Hawker



# Design and Development of Industry Firsts

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- First LED Annunciator Switch designed for Boeing 777 Flight Deck
- Passed military TEMPEST test first try
- Designed first 16 Port ISDN Switching to accommodate HSD Satcom post 9/11 government mandate
- First Touch Screen Controls for CSO stations
- First Back Up Touch Screen Emulator for CSO Laptop
- Designed first TEMPEST Relay Switch to share CSO transmit and receive audio between Secure UHF FM and a privatized UHF AM radio systems
- Developed a Tech In The Box Laptop for remote diagnosis and service



# Facilities

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The DPI Labs' production facility encompasses a total area of 18,525 sq. ft. for all Administrative, Engineering, Production, Quality Assurance and Shipping / Receiving. Additional 6,000 sq. ft. R&D facility located 5 miles away.

- Light Laboratory
- Sound Room
- Vibration Test Fixture Environmental Test Fixtures
- 3D Printing / Part Growing
- Multiple CNC Machines



DPI Labs, Inc. La Verne, California



# Trusted Partner For Military Special Missions Applications

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- USAF (2) SmartLink, SL-8801, GIV
- USAF Air Force One, Panels, VC-25
- Three Letter Government Agency (1) SmartLink II, Hard Switch Panels, GV
- Three Letter Government Agency (1) Analog Switch Panels, GV
- USAF (4) SmartLink II, Hard Switch Panels, GV
- USAF (5) SmartLink III, Hard Switch Panels, GV
- USA (1) SmartLink II, Upgraded to SmartLink III, Hard Switch Panels, GV
- USCG (1) SmartLink III, Hard Switch Panels, GV
- USN (1) SmartLink III, Hard Switch Panels, GV
- USA (1) SmartLink III, Hard Switch Panels, GV
- USA (1) SmartLink, Touch Screen, ISDN Switching, G550
- USN (3) SmartLink, Touch Screen, ISDN Switching, G550
- USAF (3) SmartLink Touch Screen, ISDN Switching, G550
- Turkish Government (1) G550
- Three Letter Government Agency (1) , G550
- USAF (4) SmartPack, SL-8801, G550



# Advanced Onboard Telephony Communications, Data Switching and Control Systems

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- Black ISDN Switching Modules
- Secure Handset Switching Modules
- Secure Data Switching Modules
- Tempest Relay Module
- System Interface Controllers
- Diagnostic Gateway Module



# Aircraft Cabin Management Systems

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- HD Audio-Video Switching Units
- Passenger Control Panels and Touchscreens
- Crew Control Panels
- Power Switching Relay Modules
- Cabin Lighting and Temp Control Modules
- USB Charging Ports





# CSO Station Touch Screen Monitor

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- System, Voice, Data and ISDN Communications Management
- Intuitive Graphic User Interface for System Control and Comm Management
- Visually Identify Active Comms at Locations Throughout the Aircraft
- Drop In Replacement for Legacy CSO Station Touchscreens
- Ability to Create Unique, Customized Command and Control Stations



# NVIS Cabin and Station Lighting

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- NVIS Aircraft and Vehicle Interior Lighting
- PWM Dimmable and Adjustable Via Control Modules
- Passenger and Crew Control Panels
- Meets/Exceeds Mil Specs for NVIS
- Custom Lighting Available



# Summary

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- DPI is a Long-Time Trusted and Highly Capable Partner with US Military and Government Entities
- DPI Labs Specializes in Design, and Manufacturing of Aircraft Cabin Management, Cabin Lighting and Onboard Communications Systems for Military Applications
- DPI is Innovative, Flexible, Agile and Highly Responsive
- Contact Us to Discuss Your Next Project.

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