

Sub-Systems Division

Core Competencies

Staco Systems has the design, manufacturing and supply chain management expertise to coordinate and integrate the numerous components that sub-assemblies require, allowing our customers to focus on *their* core competencies, and keeping their production on time, and on budget.

Assemblies and LRU's

• Build-to-Print & Custom Designs

Typical Features...

- ☐ Metal and Illuminated Faceplates
- ☐ NVIS and Commercial Lighting
- ☐ COTS Components, Including...
 - Electromechanical switches and controls
 - Integrated keyboard/keypad functions
 - Annunciators (warning/caution/advisory)
- ☐ Harnessing/Cabling/Connectors
- ☐ Enclosed or Open Frame

• Industry Standard Interfaces

- ☐ Integrated electronics for electrical interface and data bussing within a new or existing system
 - RS232
 - RS422
 - ARINC 429
 - MIL-STD-1533



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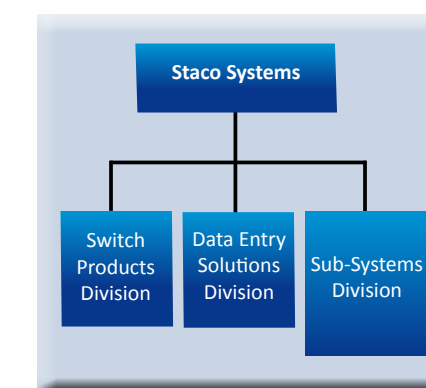


Integrated Control Panel Assemblies

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Sub-Systems Division



Company Overview

- Staco Systems is a leading provider of dependable Human-Machine Interface (HMI) solutions that assure the performance and protection of high-value, mission critical applications.
- The company was founded in Costa Mesa, California in 1958, serving the many aviation and defense companies based in southern California. Today, over a half century later, the company has sales representatives in over 35 countries across the globe.
- Selling to the most demanding industries – military, aerospace, aviation, and precision industries – Staco Systems' expansion is due to a commitment to quality in creating custom solutions for its customers.
- The company began with an initial focus on lighted pushbutton display switches, and later expanded into rugged keyboards and keypads. In response to frequent customer requests for value-added assemblies, the Sub-Systems Division was established in 2009 and leverages Staco's core competencies, developed over 50 years of electro-mechanical and optical design and manufacturing experience.



April 8, 1958

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Capabilities

Engineering, Design & Development

Engineering, design and development resources and services include...

- SolidWorks 3-D CAD Software
- Optics Engineering for NVIS/Custom Lighting
- Electrical and Mechanical Engineering
- Human Factors Engineering
- Optics Design Laboratory
- Environmental Test Laboratory
- ATP/ATR, QTP/QTR Development
- Field PDR/CDR/Install Support

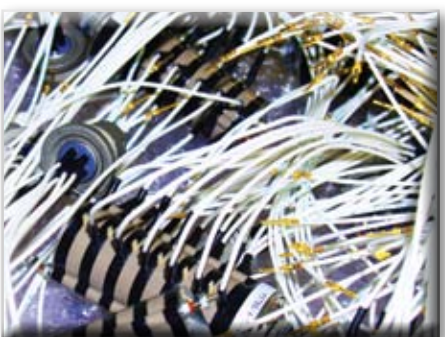
Manufacturing & Assembly

All activities are consolidated under one roof in our modern 40,000 square foot facility in the Spectrum Technology Park, Irvine CA.

In-house manufacturing and assembly capabilities include the following...

- Machine Shop, including modern CNC equipment
- Mold Shop
- Paint Shop
- Optical Laboratory for chromaticity and NVIS in-process testing
- Cell based manufacturing structure
- Automated testing

This vertical integration provides Staco with full control of the production cycle



COTS Components

Mil Specs

Integrated Control Panel Assemblies



3-D Modeling

Custom Designs

Build-to-Print



Capabilities

Testing

- All sub-assemblies are prototyped and subjected to thorough design testing to prove compliance with customer's specifications before release to production. Comprehensive Design Test Reports are provided on request. Production units are 100% tested to custom ATP's before shipping.
- Staco Systems' long pedigree of QPL Certification and continued compliance testing is the basis of our infrastructure for providing all of your custom test needs.
- Staco Systems is capable of performing most testing in-house. Specialized testing is performed by local test lab partners.



Quality Assurance

Staco Systems is a manufacturer of high-reliability, precision electro-mechanical and optical products and assemblies. As such, we are ISO 9001:2000 and AS9100:2004 Rev.B Certified and we routinely manufacture products that comply with the following military, industry and customer standards and practices:

- MIL-S- 22885
- MIL-STD-45662A
- IPC-A-610
- MIL-I-45208
- FAA Approved PMA Holder
- Certified and calibrated light labs for MIL-L-85762A, MIL-STD-3009, MIL-C-25050 (SAE-AS25050) measurements
- Customer certification/source approvals from major aerospace and defense OEMs and system integrators
- QPL Approvals to all branches of the US Armed Forces