

# CST

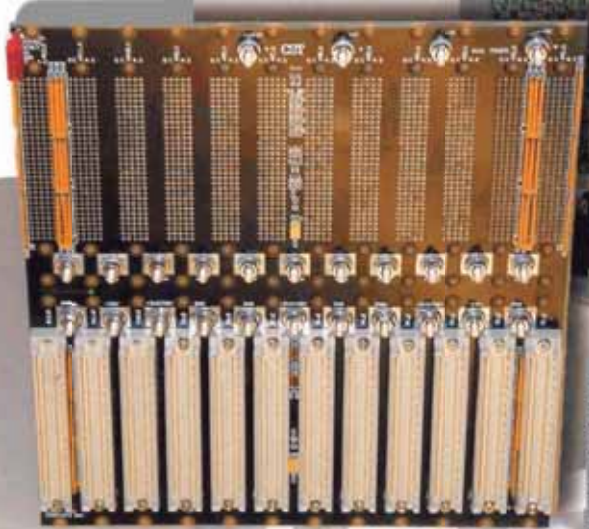
Custom Systems Technology

Custom engineering, assembly & manufacturing solutions

# Complex Custom Products

At CST our extensive depth and breadth of offerings supports a wide variety of customer requirements. Rapid product introduction, condensed product life cycles and tighter cost controls require today's businesses to rely on partnerships that can respond to these challenges in an effective, timely manner.

Working as an extension of your product development team, CST's design team offers a broad range of experience gained through years of delivering robust designs to multiple markets. Our certified engineering processes and techniques are used to develop products that meet both manufacturability and testability requirements. Our team is continuously updating and expanding its skills and tools to meet the needs of our customers.



Custom backplane design and assembly



Liquid cooled shipboard power supply



Custom annunciator panel

## Custom Services

- Custom power supply design, assembly & testing
- Electronic enclosure design & fabrication
- Printed circuit & backplane design & assembly
- Sub-system design & assembly
- Flexible circuit design & assembly
- Potted connector & cable assembly
- Cabinet harnesses
- RF & fiberoptic cable design & assembly
- Chassis & cabinet wiring
- Total turnkey service
- Low volume prototypes & high production assembly

## Design & Engineering

- EM/RFI enclosures
- System thermal analysis
- Project engineering
- HI-REL shock & vibration analysis & design
- Power integration design
- ACAD documentation
- Liquid and/or air cooled systems

Full technical support and customer service

Some of our many custom cable assemblies



## The Perfect Solution Partner

Whether our customers require our assistance with one vital aspect of a product's development, or our guidance through its entire life cycle, we've built our reputation on providing solutions to your engineer's specifications and requirements. Customers turn to us because we make it our business to understand their business.

## Quality Assurance

Strict quality assurance and testing procedures ensure that the products you order are precisely what's required for your configuration. However, service doesn't stop with the sale. CST is dedicated to your complete satisfaction, providing you with full technical support and customer service both before and after the sale.

- DOD approved
- DOE approved
- ISO 9001:2000 Certified
- UL approved
- CSA approved



**CST**  
Custom Systems Technology

**3075A Advance Lane  
Colmar, PA 18915  
215-822-2525  
215-822-6278 fax**

