Partial List of our Key Customers

- BAE Systems
- Boeing
- Harris
- MBDA
- Raytheon
- SELEX Galileo
- Textron
- Thales
- Northrop Grumman

GREAT THINGS come in SMALL PACKAGES
**Great Things come in Small Packages**

Esterline CMC Electronics (CMC) is a leading supplier of custom microelectronic and electro-optic products for the military and aerospace markets, with nearly 50 years of experience. As a strategic supplier, CMC designs, manufactures and qualifies complex hybrid microcircuits and electro-optic devices for aircraft and missile applications around the world.

CMC’s respected and experienced Engineering team collaborates very closely with customers to fully understand their needs and priorities. CMC’s approach results in reliable, robust designs that meet today’s most demanding customer specifications.

### Market Segments
- Aerospace
- Defence
- Industrial

### Technology Segments
- MIL-PRF 38534 Class H Hybrids
- Si and InGaAs Receivers
- 905 and 1550 Pulsed Lasers
- Fiber-Optic Transceivers
- Electro-Optic Assemblies
- Detector arrays

### Capabilities
- MIL-PRF-38534 certified
- Complete E55 capabilities
- Specialized in harsh environments
- Contract manufacturing
- Highly compact solutions
- Design to specification
- Low to high volume
- Thermal management
- Design for manufacturability
- Six Sigma
- ISO-9001:2000
- AS-9100
- Nadcap accredited

### Applications
- Avionics
- Radar
- Guidance and Control
- Laser Range Finding
- LIDAR
- Laser Spot Tracking
- Smart Munitions
- Free Space Communications
- Fiber-Optic Data Transfer
- Semi-active laser designation

### Electro-Optics
- Sensors (LIDAR, LRF, Target Detection)
  - Si and InGaAs (wavelength 650 to 1550nm)
  - Fiber pigtailed/light pipes
  - Optional TEC cooler
  - Single and arrays
  - 100W laser fire return
  - Detection of nW within µs of laser firing
  - Recovery in 50ns to mWs overload
  - Recovery without ringing
  - Handling of 10MW/cm² before damage
  - Low NEP
- Pulsed transmitters

### Optical Transceivers
- Large bandwidth data transfer of up to 4Gbps per channel (10Gbps upcoming)
- Extended operating temperature range to 95ºC (115ºC upcoming)
- Hermetic for harsh environments
- Modular optical fiber interface design
- Single or multi-channel

### Hybrid Microcircuits
- Analog and digital
- Power
- MCMs
- High density
- Converters