



manufacturing partner<sup>®</sup>  
to innovators

State-of-the-art Manufacturing  
Facility in Chihuahua, Mexico  
offers Sheet Metal Fabrication  
& Machining

## Metal Fabrication & Enclosure Services

SMTC is an established leader in metal fabrication & enclosure manufacturing, building some of the most complex and valuable electronic and mechanical products in our chosen markets. We provide custom build metal fabrication, assembly enclosures, cable and harness assembly as well as full system integration and testing for multiple industries.

We strive to exceed customer expectations in quality, delivery, reliability and service as we build a productive relationship based on exceptional customer satisfaction. Offering the highest quality metal products in the areas of sheet metal & machining developed with the latest manufacturing technologies and supported by international standards.

### OUR MARKET SEGMENTS:

- Industrial & Commercial
- Medical & Life Science
- Aerospace, Defence & Security
- Consumer & High-Tech Electronics
- Computing & Networking
- Communication & Instrumentation
- Power & Energy

### Sheet Metal/Enclosures - Capabilities

The art of precision metal engineering and processing through cutting, forming and bending of metal, is an integral part of SMTC' ability to provide both individual components and complex assemblies.

- Materials include stainless steel, aluminum, galvanized, electrogalvanized, galvalume, cold rolled steel, brass and copper.
- Turret punch presses, Laser cutting machine as well as Press brake machines.
- A complete range of "secondary operations" to meet tight tolerances include sandblasting, welding, arc welding, sanding, riveting, spot-welding, polishing, as well as masking and mechanical assembly services
- Surface finishes include: Powder coating and plating including anodizing, zinc, nickel, or clear chromate, passivation and electro-polish (outsourced services)
- Decorative application and silk-screening

### CNC Machining Capabilities

SMTC can help provide precision machined metal components meeting the most rigid specifications and industry standards. From small to medium volume runs, SMTC' precision facility is an excellent option for your machining needs

- 3 & 4 axis CNC machines capability.
- Secondary operations include drilling, tapping, grinding, brushing, lathing, metal band saw cutting horizontal and vertical
- Material: Stainless steel and aluminum alloys
- Surface finishes include: plating, anodizing, zinc, nickel, or clear chromate, passivation and electro-polish (outsourced services).

### Metrology Capabilities

SMTC personnel is highly trained to utilize the high precision measuring equipment to ensure customer specifications are met.

- Vertical Inspection Equipment
- Visual Measuring Inspection Machine
- 2D Reverse Engineering painting or powder coating

### Value Engineering Services

SMTC also offers additional value engineering services to our customers.

For more information, visit: [www.smtc.com](http://www.smtc.com)

