Industry Challenges

Demand for more complex products with higher quality and longer life

- Increase in competition
- Shortened delivery times & reduced inventory
- Greater flexibility in manufacturing locations
- Lower production costs
ALIGNING WITH THE RIGHT BUSINESS PARTNER

Companies are looking for new products and solutions that will drive their business.

Must rely on partners to provide the highest quality products and services at unprecedented levels of efficiency.

Better partners meet the demands through:
- Competitive pricing
- Flexible customization capabilities
- Responsiveness and easy distribution
- Assurance that Quality Levels are met
- Reduction of vendors to reduce the load on their supply chain managers
US-based global electronics, metals and plastics manufacturing and services company

Offer a full range of value-added services including: design for manufacturability, prototyping, manufacturing, & testing

Support a diversified customer base including OEMs, industrial equipment, telecom companies, gaming, defense contractors, and oil & gas
ONE SOURCE MANUFACTURING SOLUTION: CYPRESS INDUSTRIES

- Cypress Industries offers a unique, innovative manufacturing business with exceptional customer service.
- Aim is to deliver the best products, service and value in the industry.
- Provide a broad product offering in multiple countries offering best in class pricing and quality.

Cypress Industries Goal is to be the preeminent value engineering manufacturer for PCBA’s, sheet metal, cables, plastic and electronic assemblies with an intense focus on customer and employee satisfaction.
SUPERIOR CAPABILITIES & HIGH QUALITY FACILITIES

- **Austin, Texas** - 30,000 sqft facility
  - PCBA’s & Electronic Assembly
  - Cables, Harnesses & Machining

- **Matamoros, Mexico** - 100,000 sqft
  - Sheet Metal, PCBA’s, Wire Harnesses & Cables,
  - Electronic Assembly

- **Ahmedabad, India** - 20,000 sqft facility
  - Custom Cables
  - Wire Harnesses

- **Dongguan, China** - 75,000 sqft facility
  - Plastic Injection Molding & Tooling
LISTEN to customers and provide best customer experience in all markets served

SOLVE manufacturing problems with superior value engineering capabilities, efficient & technically capable facilities, and quality products

HELP provide design and value engineering assistance, shorten lead times, consolidate the supply-chain and reduce costs
QUALITY PRODUCT & SERVICES

DIVERSE PRODUCT LINE AND QUALITY SERVICES

PCBA’s
Sheet Metal
Custom Cables & Wire Harnesses
Plastic Molding & Tooling
High Level Electronics Assembly
PCBA’s, Circuit Boards

- PCB Assembly in the US & Mexico
- New High Speed Mycronic SMT Line – USA
- Universal & Fuji Lines - Mexico
- Quick-Turn prototype & high volume capabilities

SMT Capabilities:
- Large Boards up to 28”,
- BGA, QFN, Odd Shapes
- SMT Sizes: 01005 up to 56x56mm
- Through Hole, Conformal Coating
- Wave Solder, Test Equipment

ISO 9001:2015, IPC 610 & 620 Certified, AOI
Sheet metal parts manufactured in Mexico

Offer unique single-source solution for customers requiring products with a combination of manufacturing techniques

Metal engineers help design for manufacturability (DFM), improve quality, cycle times and reduce prices

Laser, MIG & TIG Welding

Wash & Powder Coat Line
CUSTOM CABLES & WIRE HARNESSES

Full line cable assemblies, wire harnesses, controller box builds, wire braiding, overmolding

Can be manufactured in US for smaller volume runs, Mexico or in Asia (India or China) for moderate to high volume runs
- Benefit from quick-turn manufacturing in US and Mexico
- Benefit from low-cost pricing in Asia & Mexico
- Expedited manufacturing at extremely competitive prices
- Maintain continuity of supply chain between low and high volume runs by using one supplier

Products 100% inspected and electronically tested
• Custom Cables
• Wire Harnesses
• Discrete Wire
• RF, Co-Axial, Microwave
• Coil Cords, Din/Mini-Din

• Over-molded Cables
• Military Cables
• SATA, HDMI, DVI, USB
• D-Sub(9, 15, 25 etc)
• Braided Cables

• Computer Cables
• Custom Power Cables
• Ribbon cables
• RJ45 (CAT5E & 6), RJXX
• Custom Molds & Assemblies
Design, Tool, manufacture and assemble plastic injection molded products to customer specifications
  › Produce new molds and tooling from CAD files, or reverse engineer plastic injection molding parts

Manufacture and maintain Plastic Injection Molded Tooling in China
  › China Facility:
    23 molding machines up to 1500T

Specialize in plastic injection molding to produce a wide variety of products from tight tolerance high-tech parts to disposable lower tolerance products and secondary operations (painting, EMI coatings etc)
PLASTIC INJECTION MOLDING AND TOOLING

17" \( \phi \times 13" \)
Electromechanical Assembly - Turnkey

High Level Assembly

Electromechanical Assembly of box builds (Large & Small), handheld units, turnkey assembly

Offer unique single-source solution for customers requiring products with a combination of manufacturing techniques

Box builds/ electro-mechanical assembly (BBA), printed circuit board assembly (PCBA)

Can be manufactured in US for smaller volume runs, or in Asia & Mexico for moderate to high volume runs

› Benefit from quick-turn manufacturing in US & Mexico
› Benefit from low-cost pricing in Asia
› Expedited manufacturing at extremely competitive prices
› Maintain continuity of supply chain between low and high volume runs by using one supplier
CHOOSING CYPRESS INDUSTRIES AS MANUFACTURING PARTNER

**REDUCE** overall costs and vendors in the supply chain because of broad product line and vast experience

**PROVIDE** expert value engineering and DFM

**CREATE** quality product and services at US, Mexico, India and China manufacturing sites

**OFFER** better service, response times and flexibility

**LISTEN** to our customers and understand their needs
Matamoros, Mexico Facility

- Sheet Metal & Enclosure Fabrication
- Printed Circuit Board (PCB) Assembly
- Cables & Harnesses
- Assembly, Integration & Boxbuild
- 100,000 Sq. Feet of Production Space

Concurrent Proprietary Information Provided Under NDA
PCBA / SMT EQUIPMENT

Surface Mount Equipment

PTH / Wave Solder / Test Equipment
Electrical Box Build Items / Control Boxes
CABLE AND WIRE HARNESS ASSEMBLY
Punch & Bend
Sheet Metal & Enclosure Fabrication Capabilities

Electronics Cabinet with Thermal Management
- .125" Thick Aluminum
- Perforated and Louvered door
- Custom Hinges
- Assembled
- Seismic rated
- 84" Tall

Indoor Battery Cabinet
- NEMA 4
- Powder Coated
- Assembled
- Partial Integration
- Custom Hinges
- Seismic rated
- 72" Tall
NEMA 4X Enclosures Fabricated at Concurrent