



CYPRESS  
INDUSTRIES

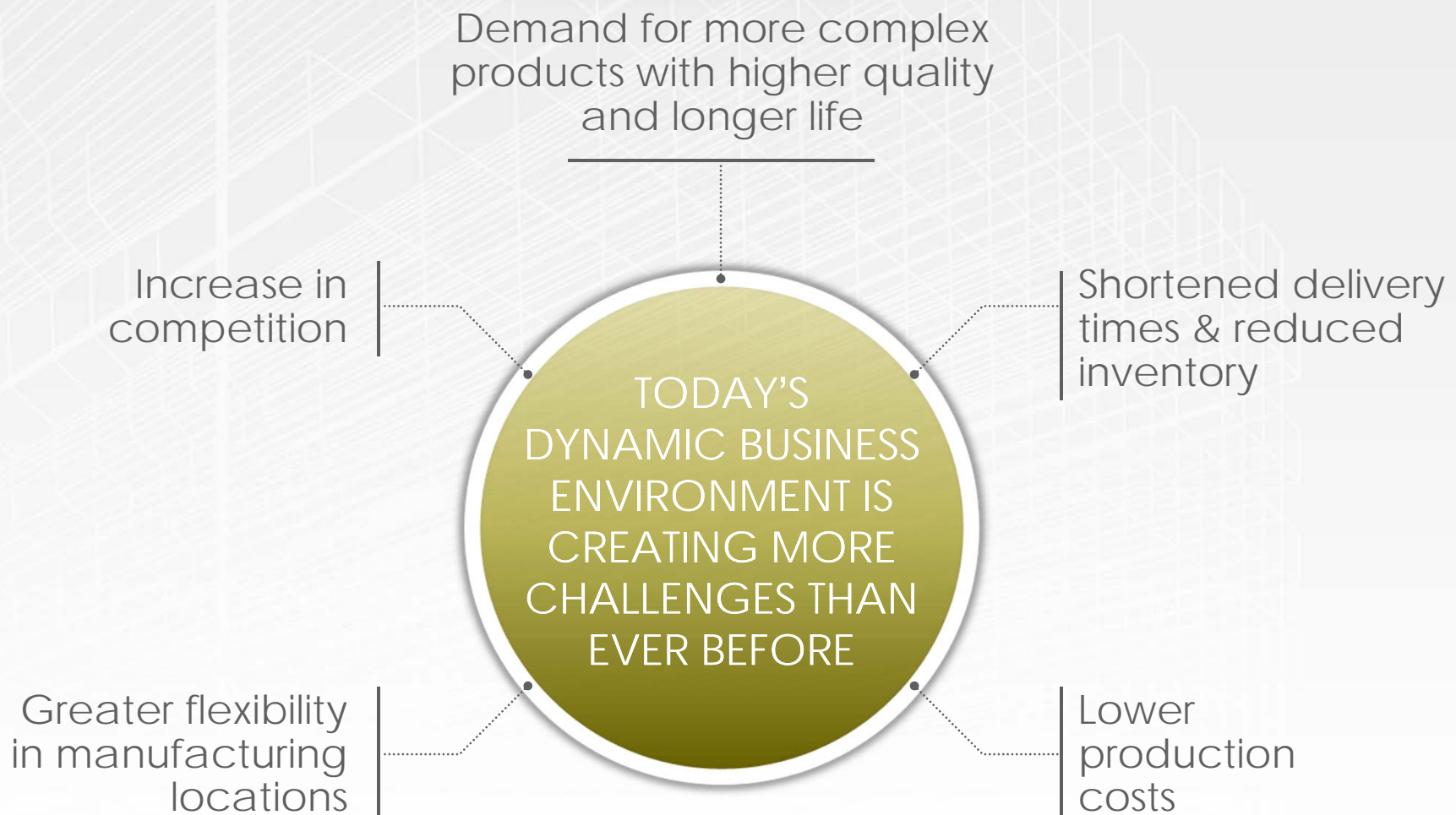
ADVANCED MANUFACTURING  
AND DESIGN SERVICES



Manufacturing Services Presentation

March 21, 2013

# INDUSTRY CHALLENGES





# MANUFACTURING PARTNER: 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

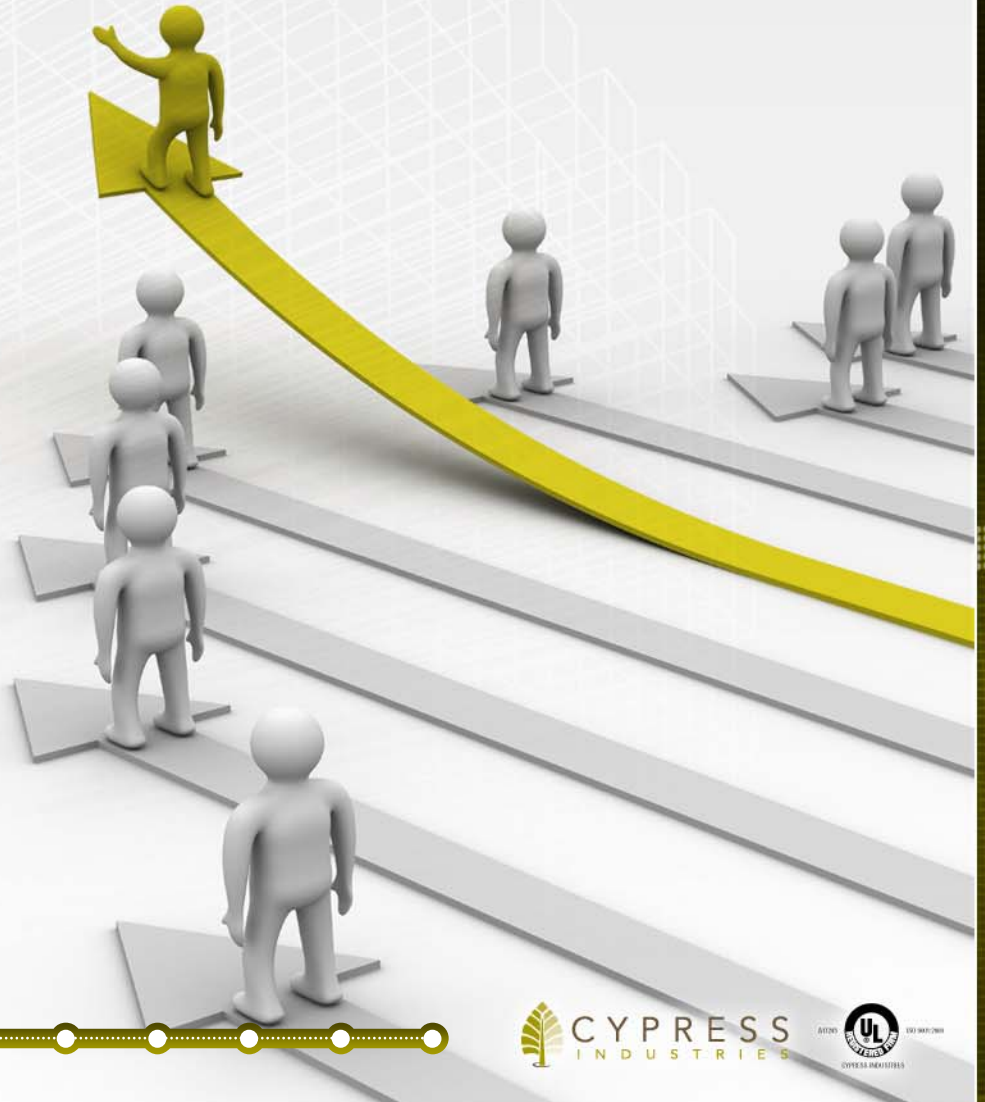
Provide exceptional people, value engineering, advanced ERP and quality systems, and the most efficient facilities in multiple countries



Cypress Industries Goal is to be the preeminent value engineering manufacturer for custom cables, plastic and metal products, with an intense focus on customer and employee satisfaction.

# HOW WE REACH YOUR GOALS

- ❖ **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,



# FLEXIBLE & HIGH QUALITY FACILITIES

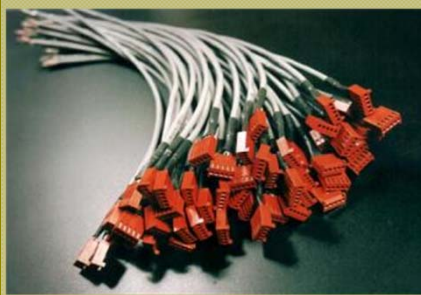


- ❖ U.S. 30,000 sqft facility in Austin, Texas  
*Cables / Plastics / Machining*
- ❖ China's 75,000 sqft facility in Dongguan  
*Cables / Plastics & Tooling / Machining / Castings*
- ❖ India 20k sqft facility Delhi  
*Custom Cables & Wire Harnesses*
- ❖ Multiple manufacturing locations ensure customers receive lead-time & price flexibility
- ❖ ISO 9001:2008 & UL certified manufacturing plants in US, India and China
- ❖ Advanced ERP systems for efficiency, product quality, repeatability and material traceability
- ❖ Facilities mirror capabilities to allow flexibility in manufacturing locations



# QUALITY PRODUCT & SERVICES

## MANUFACTURING CAPABILITIES AND SERVICES



Cables & Wire  
Harnesses



Plastic Injection  
Molding & Tooling



Metal Casting &  
Machining

# CUSTOM CABLES & WIRE HARNESES

## ELECTRO-MECH ASSEMBLY



Plastic Injection  
Molding

Metals

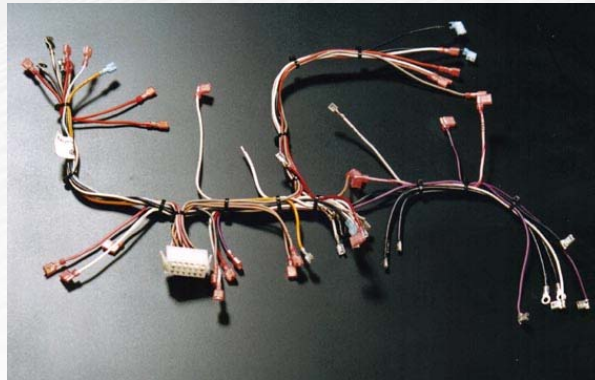
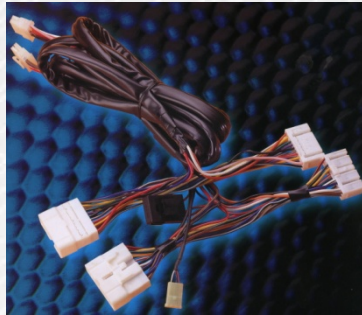
Inspection Services

Design

- Full line cable assemblies, wire harnesses, controller box builds/ electro-mechanical assembly and connectors, wire braiding, overmolding
- Can be manufactured in US for smaller volume runs, or in Asia (China & India) for moderate to high volume runs
  - Benefit from quick-turn manufacturing in US
  - 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
- Products 100% inspected and electronically tested



# CUSTOM WIRE HARNESS – CABLE ASSEMBLIES



- 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



# PLASTIC INJECTION MOLDING & TOOLING

## PLASTIC INJECTION MOLDING



Metals

Inspection Services

Design

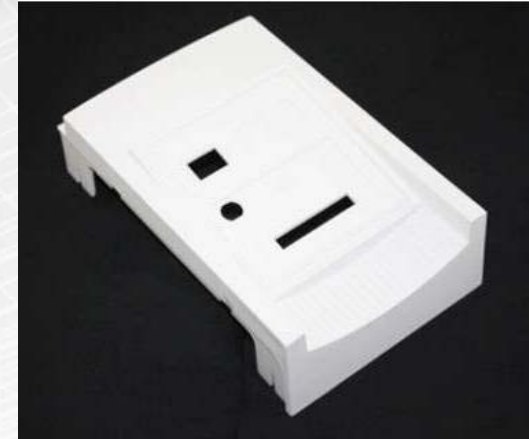
Electronics Assembly

- 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 US and China
  - China Facility:  
23 molding machines up to 500T, machine shop, partner up to 1500T
  - US Facility:  
16 molding machines up to 1,000T in Maxwell, TX, machine shop,
- Specialize in plastic injection molding to produce a wide variety of products from tight tolerance high-tech parts to disposable lower tolerance products

# PLASTIC INJECTION MOLDING AND TOOLING



17" x 13"





# METAL CASTINGS & MACHINING

## METALS

Inspection Services

Design

Electronics Assembly

Plastic Injection  
Molding



- Specialize in Design For Manufacturability (DFM), determining manufacturing process, improving quality, cycle times and reducing prices



- Variety of metal castings including die castings, investment castings, sand castings, permanent mold and sintered metal castings



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

- CNC Machining and custom tooling also manufactured at both US and China facilities

# METAL FABRICATION

## Die Casting



## Investment Casting



## Sand Casting



18" x 25"



# 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

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

**CREATE** quality product and services at US and China manufacturing sites

**LISTEN** to our customers and understand their needs





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