

# **Epic Technologies, LLC**

*OEM Product Design, Development, and Sourcing*

## **PRODUCT DESIGN & DEVELOPMENT**

- ▶ **3D Product Design, Development & FEA, Product Design to Production Services**



### **EPIC TECHNOLOGIES, LLC.**

In House Product/Part Design, Development, & Engineering. 3D Surface & Solid Modeling, Linear FEA Studies, 2D Production Part Drawings utilizing the latest SolidWorks 3D CAD Program. New Product (Design-to-Production) Management Services. AutoCAD & SolidWorks Certified Engineers. Authorized SolidWorks Design/Manufacturing Network Partner.

## **ELECTRONICS**

- ▶ **Electronic Design, PCB Prototypes & Full Production Box Build Assemblies, Cable Assemblies**

### **IEC ELECTRONICS / IMET**

Premier Provider of Electronic Manufacturing Services to Advanced Technology Companies in the Military, Aerospace, Medical, and Industrial Sectors. Specializing in the Custom Manufacture of High-Reliability, Complex Printed Circuit Boards, Full System Box-Build Integration, & Custom Cable/Wire Harnesses. ISO 9001:2008, AS9100C, ISO 13485 and ISO 14001 Certified, FDA registered, Nadcap accredited and a NSA approved supplier under the COMSEC standard.

## **LED LIGHTING**

- ▶ **Innovative LED Optical Solutions**

### **FRAEN CORPORATION**

Design, Development, and Manufacturing of High Performance, Custom and Standard LED Lighting Optics Solutions for Demanding Lighting Applications. TIR Collimators, Reflectors, Light-Pipes & Guides, Color Mixing - Adjustable Beam Illumination Systems, Large Lens Arrays, Multi-TIR Nested Lenses. (LEDs Magazine - 2016 Sapphire Award Winner - Best Enabling Technology)

- ▶ **Custom LED Printed Board Assemblies**

### **TEMITRONIK**

Manufacturer of Custom LED Printed Circuit Board Assemblies (PCBA) of up to 2ft. by 5ft. Rigid & Flexible LED Boards of any shape, AC or DC power choice.

## **PROTOTYPING**

- ▶ **Rapid Prototyping & Short Run Manufacturing**

### **PROTOCOLAM**

Quick Turnaround Prototypes & Short Run Manufacturing.  
3D Printing: Stereolithography (SLA), Selective Laser Sintering (SLS), Fused Deposition Modeling (FDM), Urethane Castings (RTV Molding), Direct Metal Laser Sintering (DMLS).



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## **PLASTICS & ELASTOMERS**

- ▶ **Vacuum Forming,  
Pressure Forming,  
Plastic Fabrication**

### **ENGINEERED PLASTIC PRODUCTS**

Custom Vacuum Forming, Pressure Forming, Thermoforming & Fabricating of All Thermoplastic Sheet Materials. Specializing in Small Runs.

- ▶ **Blow Molding:  
Injection & Extrusion**

### **FLEXCRAFT - ISO 9001:2008 Certified**

Custom Blow Molding. 20+ Blow Molding Machines with Shot Sizes Ranging from 20g to 15lbs. In-House Mold Shop, Decorating, & Assembly Capabilities.

- ▶ **Custom Plastic Extrusions  
& Injection Molding**

### **FRAM TRAK INDUSTRIES**

Custom Plastic & Foam Extrusions / Co-Extrusions, Profiles & Tubes. In-House Tool Shop, Mylar Laminating, Hot Stamping, Decorating, & Fabricating.

- ▶ **Polyurethane Molding &  
Bonding**

### **OPTIMUM PRECISION URETHANE**

Liquid Castings of Custom Polyurethane Parts. Metal Bonding, Formulation Development. In-House Machine Shop for Molds, Inserts, & Finishing Operations

- ▶ **Injection Molding:  
Small Part Thermoplastic**

### **I.F. ASSOCIATES, INC. - ISO 9001:2008 Certified**

Injection Molding of Small Thermoplastic Components & Assemblies. Specializing in Difficult Shapes, Insert Molding, Complex Tooling, Product Development, & Custom Assembly.

- ▶ **Custom Rubber Molding,  
Rubber/Metal Bonding**

### **PIERCE ROBERTS RUBBER Co. - ISO 9001:2008 Certified**

Custom Rubber Injection, Compression, & Transfer Molding. Rubber to Metal Bonding, Finishing, & Custom Formulation Development.

- ▶ **Plastic Structural Foam  
Molding**

### **POLYCEL STRUCTURAL FOAM - ISO 9001:2000 Certified**

Thermoplastic Structural Foam Molder with in-House Mold Making & Secondary Finishing/Assembly Capabilities. Specializing in Large Part Molding.

- ▶ **Rotational Molding**

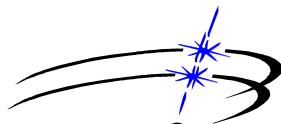
### **R & R TECHNOLOGIES, L.L.C. - ISO 9001:2000 Certified**

Plastic Rotational Molding of Large and Small Products. Stock Bulk Containers. In-Mold Labeling, Textured Surfaces, Foaming, and Metal Insert Capability.

- ▶ **Injection Molding:  
Thermoset, Thermoplastic,  
& Liquid Silicone**

### **RELIANCE ENGINEERING - ISO 9001:2008 Certified**

Custom Injection, Compression, and Transfer Molder of Thermoset (Phenolic), Thermoplastic, & Liquid Silicone Rubber (LSR) Materials. Insert Molding & Secondary Finishing Capabilities.



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## METAL FABRICATION

▶ **CNC Milling/Turning  
& General Machining**

**ANDERSON / BESI MACHINE / IEC**

CNC Vertical/Horizontal Milling & Turning of All Materials, Grinding, CMM Inspection, CAD/CAM capability & General Machine Shop Services. 1 Piece Prototype Machined Parts to Large Production Runs

▶ **Metal Spinnings,  
Hydroforming**

**CHARLES SCHILLINGER CO.**

Metal Spinnings From ½" to 140" in Diameter & Up to ½" Thick. Hydroforming of Small to Med Runs, Max Depth of 7". In House Certified Welding & Fabrication

▶ **Aluminum Extrusions,  
Cutting & Fabrication**

**COLTWELL INDUSTRIES, INC.**

Aluminum Extrusions, Tube & Profile Cutting, Bending, Fabrication & Finishing. Stainless Steel Cold Heading.

▶ **Swiss Screw Machine**

**FRAEN MACHINING CORPORATION - ISO/TS 16949:2000 Certified**

High Quality Screw Machined Products, CNC, Swiss, Turning, & Milling.

▶ **Tube Bending,  
Cutting & Forming**

**G&J STEEL & TUBING, INC. - ISO 9001:2000 Certified**

A Full Service Tube Production & Fabrication Company. Services include Cutting, Bending, Coiling, End Forming, Welding, and Assy.

▶ **Sheet Metal Fabrication**

**IEC-ROCHESTER, INC. - ISO 9002:2008 Certified**

High Precision Sheet Metal Fabrication, Robotic Welding, Finishing & Assembly.

▶ **Eyelet Stamping &  
Forming, Medical S/S  
Tubing, Clean Room  
Assembly**

**J&J PRECISION EYELET, INC. - ISO 9001:2008 Certified**

Precision Eyelet - Drawn Stamping & Forming, Drawn Eyelets, Specialty Stamping, Progressive Stamping, Swaging & Coining, Medical Tube Fabrication, Wire EDM, & Clean Room Assembly.

▶ **Metal Injection Molding  
Ceramic Injection Molding  
Engineered Plastic Molding**

**POLYMER TECHNOLOGIES, INC. - ISO 9001:2008, AS9100C**

Specializing in Advanced Metal Injection Molding, Ceramic Injection Molding, & Plastic Molding of Engineered Materials.

▶ **Swiss Screw CNC Turning**

**TELEMARK CNC, LLC. - ISO 9001:2008 Certified, Cage Code: 6Q5Q9**

7 Axis Swiss Screw CNC Turning Up to 1" Dia., Conventional CNC Turning to 1-7/8" Dia. & 4 Axis CNC Milling.

▶ **Deep Drawn Metal  
Components, Progressive  
& Single Stage Stamping**

**UTITEC - ISO 9001:2008, ISO13485:2003 Certified**

High Precision, Large Volume Deep Drawn & Flat Stamped Metal Components for Medical, Electronic, & Commercial Industries.