



i2E GROUP, LLC

A complete hardware *and* software solutions partner...
providing you with superior service, high quality & high value:



innov2exec.com



i2E Group, LLC



OBJECTIVES

i2E Group, LLC, stands for *Innovation to Execution* and represents our range of capabilities: from idea creation to engineering, design and development; from full turn-key manufacturing to distribution of hardware and software.

We are able to do this by practicing: Economics, Responsiveness, Flexibility, Focus, Technical Expertise and Advanced Manufacturing Techniques.

BACKGROUND

i2E Group, LLC, has over 30 years of collective company experience, with it's earlier iteration having been founded in 1993. We are a full service EMS provider, meaning that we design, manufacture, test, distribute and provide return & repair services for electronic components and assemblies.

We have SMT line capabilities with low to medium volume & high complexity. Additionally, we are well-versed and skilled at working within various federal and official guidelines and follow the ISO 9001:2000 quality management system.



INDUSTRY FOCUS

- > Wireless Voice and Data Comms 📶
- > Medical & Biotechnology +
GMP (Good Manufacturing Practices) Compliance
- > Industrial Controls ⚙️
- > Software 💻
- > Industrial Power Distribution ⚙️
- > Mechanical ⚙️
- > Electronic Point of Sale 🛒
- > Aerospace & Transportation ✈️
- > Clean Energy (Solar/EV) ☀️

FULL TURN-KEY MANUFACTURING

1. PCB SURFACE MOUNT ASSEMBLY

Including ultra-fine pitch, i2E Group's PCB surface mount assembly capabilities also feature offline prototyping, 0201 chips through 2.2" BGA/QFD, etc.

2. PCB THROUGH HOLE ASSEMBLY

Capabilities include automatic component prep, wave & hand soldering (multi-layer boards) and water-soluble/no clean solder processes.

3. WIRE AND CABLE HARNESES

i2E Group has the capability of efficiently implementing processes such as twisted pair, flat ribbon, coaxial, RF and automatic prep & termination.

4. CHASSIS & SYSTEM ASSEMBLY

Includes capabilities for electronic assembly, electromechanical, mechanical (sub-assembly to finished product), conformal coating and curing ovens for encapsulates.

5. REWORK/REPAIR

i2E Group is able to provide the following services: remove and replace fine and ultra-fine pitch SOIC's, QFP's, BGA's and discrete components down to 0201 size. Verify continuity and repair PCB scratches, repair broken traces, source repair parts & their components and more.



JOHN WEIR

Founder & CEO

John Weir is the Founder and CEO of i2E Group, LLC. Before entering the manufacturing industry in 1993, John obtained his BS in Engineering and MBA respectively at Cornell University.



innov2exec.com



jweir@innov2exec.com



i2E Group, LLC

SERVICES

i2E Group is qualified to offer the following services in the corresponding areas:

-Engineering Design & Development:

Circuit, Product and System Design, Software Development, Designing for Excellence, Manufacturing, Testing, Cost Reduction and Prototyping

-New Product Introduction (NPI):

Proprietary Project Management

-Manufacturing & Assembly:

Low to Mid Volume, Complex Processes, Automated & Manual, Turn-Key & Kitted

-Testing:

Functional and Diagnostic Testing, Test Fixturing and Burn-In

-Distribution:

Logistics and Internet Shopping Cart Fulfillment

-Commercialization:

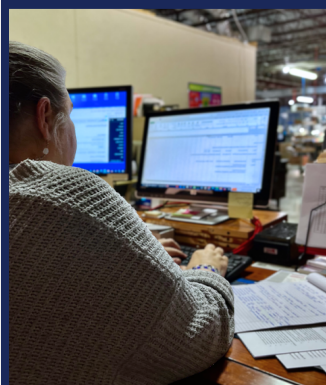
University Technology Transfer, Business Ventures

-Quality Management:

IPC-A 610

-Manufacturing Facility:

Clean/Modern 14,000 Sq. Ft., ESD Controlled, Climate Controlled



TECHNOLOGIES

Our Current Technologies Consist of the Following:

- LED Lighting
- RF (high frequency, noise suppression, shielding & grounding)
- Raspberry Pi and Omega 2
- High Speed/Lower Power Processors (TI MSP 430 Series)
- Mixed Voltages (High Power AC combined with DC Signal Voltages)

CONTACT i2E GROUP!



sales@innov2exec.com



i2E Group Website
innov2exec.com



i2E Group, LLC