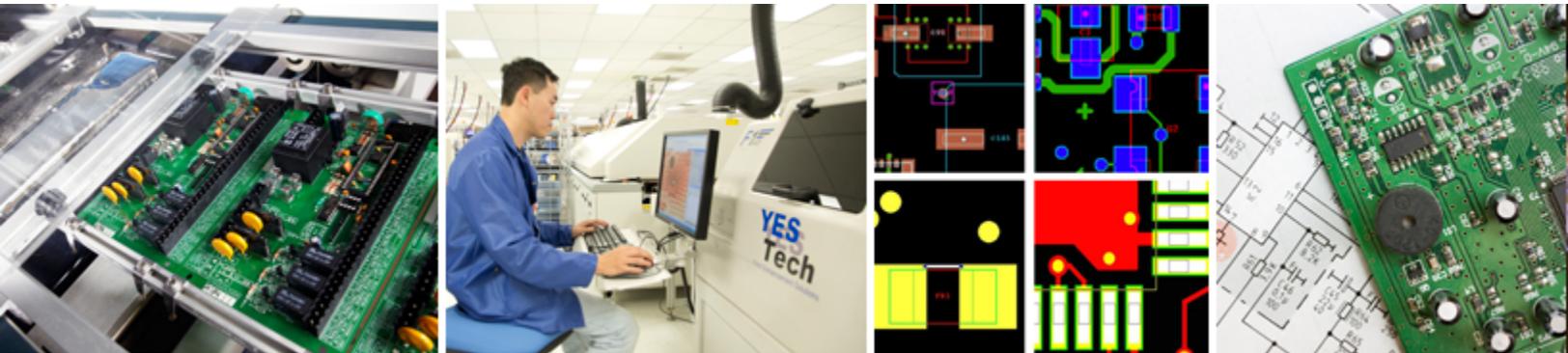




# rapid prototyping

## to gain competitive advantage and reduce time-to-market.

**Compress your development cycle and eliminate costly design mistakes with Creation Express Services' Rapid Prototyping**, optimized for speed and smart feedback to your design team. With dedicated people, cells and SMT lines in our Rapid Prototyping Centers in San Jose and Chicago, Creation helps start-ups, emerging leaders and Fortune 500s develop new and next-generation devices that **help OEMs innovate and accelerate product commercialization.**



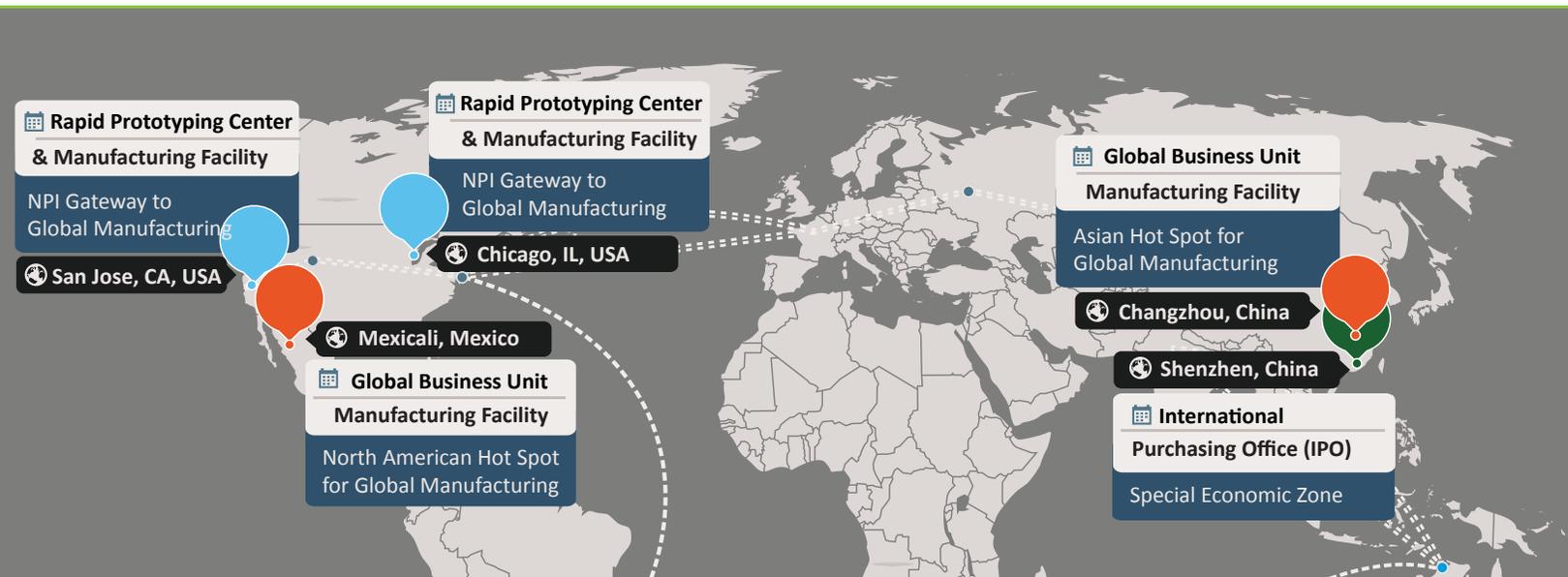
## 25 Years of Expertise Ensures You Meet Your Time-to-Market Goals

- 5,000+ Successful Products to Market in the Last 5 Years Alone
- Early Identification of Design for Manufacturability (DFM) and Regulatory Issues
- No Competition with Production Scheduling: Dedicated Teams and SMT Lines
- Rapid Prototyping Centers: San Jose & Chicago | Design Centers: Denver & Milwaukee
- NPI Gateway to Global Manufacturing in 10 Locations across USA, Canada, Mexico & China
- In-House Engineering, Value Analysis and Supply Chain Expertise
- 24/7 Visibility through Vision Customer Portal



# how fast is fast?

★ How Does 24 Hours Sound? 24-Hr Assembly to 10-Day Quick Turns for Turnkey Production



## Creation Express Services: Rapid Prototyping and NPI Gateways to Global Manufacturing

- Turnkey Product Development, Rapid Prototyping & Low-Volume Manufacturing in North America
- Engineering & Program Management Expertise across Languages and Time Zones for Ramp to High-Volume Production
- High-Volume, Product-Optimized Global Manufacturing in Mexico and China and Strategic Global Sourcing

### Rapid Prototyping Services

- Consignment, Turnkey & Hybrid Materials Management
- Controlled Material Attrition with Flexible Set-Up
- Design and Process Verification & Validation
- Documentation Development
- First-Pass Yield on Initial Prototype
- Complete Test Strategy, Development & Fixture Design
- Manufacturing Transfer, NPI & Production Scale-Up

### Engineering & Test Expertise

- Design for Manufacturing (DFM)
- Design for Supply Chain & Value Engineering
- Expert PCB Layout
- Product, Process & Quality Engineering
- Production-Compatible Pick & Place Platforms
- Full Systems Test: Flying Probe, Failure Analysis, AOI, BGA Rework & Re-Balling, Isometric X-Ray