



**HELPING COMPANIES BRING
IDEAS TO MARKET FASTER**

**HARDWARE
SOFTWARE
MOBILE APPS
CLOUD SERVICES
MANUFACTURING**

TRANSFORMING IDEAS...

INTO HIGH-PERFORMING PRODUCTS AND SERVICES



Axsys Automation has been providing custom engineering and product development services for over 20 years. We practice a proven customer-centric approach which focuses on a clear vision for each project combined with a total solution methodology. Axsys is considered among the best in new product development, applying technology convergence to solve real-world problems cost-effectively for any application.

Our Scottsdale, Arizona facility is a full-service engineering and in-house manufacturing firm. Our hardware, mechanical, and software engineers work with you from concept through production. We pay acute attention to Design for Manufacturability (DFM) throughout our process. You'll find we are thorough and disciplined during the entire project with component selection, production time, testing procedures and ensuring the mechanical and electrical designs are built for longevity. We take pride in providing unprecedented value and service for all our customers.

DESIGN VISION

- USER FOCUSED
- OPEN & INTEROPERABLE
- SOLUTIONS APPROACH
- ACCELERATED TIME-TO-MARKET

TECHNOLOGY EXPERTISE

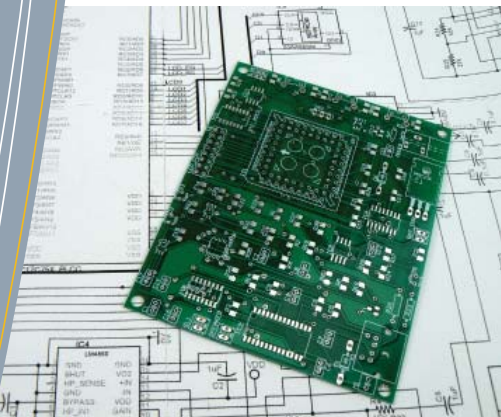
- EMBEDDED DEVELOPMENT
- WIRELESS INTEGRATION
- MOBILE APPS & CLOUD INTEGRATION
- IOT APPLICATIONS

MARKETS SERVED

- AGRICULTURAL
- HEALTHCARE
- TRANSPORTATION
- ENERGY
- INDUSTRIAL AUTOMATION
- BUILDING AUTOMATION

flexible solutions for IoT product development

CONNECTING CUSTOMERS TO THE
TECHNOLOGY RESOURCES THEY NEED



Empowering customers with the right data

ANSWERING PROBLEMS THROUGH
DATA AND ANALYTIC CAPABILITIES

OEM DESIGN SERVICES

Our experience includes developing sensors, interfaces, and gateways using wireless and embedded technologies for commercial and Industrial applications. You can rest assured we have the resources to establish your customer's next big idea into a high-performing product.

SYSTEM DESIGN

- Embedded Systems Design
- Industrial Automation & Control Protocols
- Network Interfaces for Popular Bus Topologies
- Powerline Technology Integration
- Wireless (Bluetooth, Sub-1GHz RF, and WiFi) Integration
- Analog & Digital Development

PCB DESIGN

- Single-sided, Double-sided, and Multi-layer
- Rigid and Flexible Circuits
- Surface Mount, Through-hole, Mixed Technology
- Design for Manufacturability (DFM)
- Design for Testability (DFT)
- Design for EMC

EMBEDDED FIRMWARE

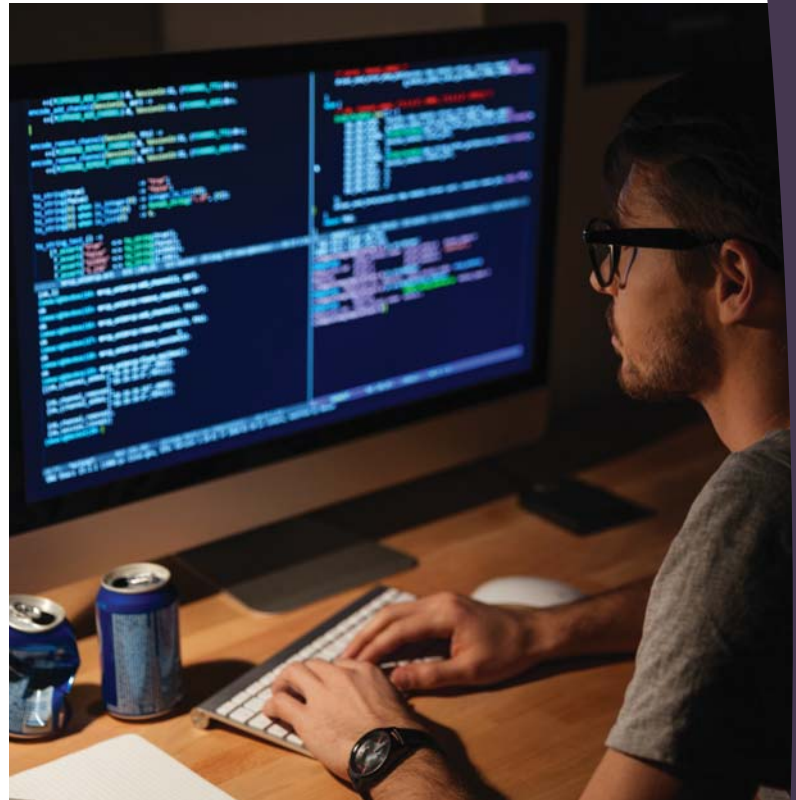
- Real-time Operating Systems (RTOS)
- Board Support Package Development
- Driver, Protocol & Stack Porting and Development
- Embedded Software Development
- Embedded Analytics

APP DEVELOPMENT

- User Interface (UI) Focused
- iOS, Windows, Android
- Secure
- Interoperable
- Over-the-air Updates
- Local Analytics

CLOUD SERVICES

- Remote Access, Control & Analytics
- Diagnostics (Device & Network)
- Secure Connectivity
- Data Intelligence
- Scalability
- Versatility



PRODUCT DEVELOPMENT



Mobile & Cloud Development
Software Development
Hardware Design
Mechanical Design

CONNECTED SOLUTIONS



End-to-End Security
Wireless Sensors
Cloud Integration
Gateways

MANUFACTURING



In-house Board Assembly
Test & Implementation
Prototypes
Pilot & Production

Hardware Design
Software Development
Mobile Apps Development
Cloud Services & Integration
In-house Manufacturing
Board Assembly & Testing

Axsys Automation has been working with customers for over 20 years turning their ideas into profitable solutions.

As a concept to production partner, we provide technology proficiency and application ingenuity combined with in-house prototyping and production.

DISTINGUISHED VALUES

We take pride in fostering relationships with our customers, vendors, and partners. For each project, we focus on providing:

- Collaborative Execution
- Meaningful Results
- Product Ingenuity
- Continual Innovation
- Openness

CUSTOMER BENEFITS

Our proven methodologies provide unprecedented value and service for customers:

- Proven Experience
- Technology Leadership
- Flexible Services
- Faster Time-to-Market
- Reduced Development Cost



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