



# BIVY LABS

## WHO WE ARE

We are a team of engineers focused on the development and integration of advanced technologies. We specialize in the intersection of software, electrical and mechanical design.

Partner with us at any point between idea and product launch to both accelerate and de-risk your development effort.

## OUR SERVICES

### Product Development

- Connected / IoT devices
- User-centered Product Design
- Proof of concept / Prototyping
- DFM/DFA
- Design Validation and Validation
- Manufacturing Test

### Software

- Linux/RTOS Development
- C/C++ Firmware
- Digital Audio
- Web API/Interfaces
- Cloud Infrastructure
- Drivers / Hardware Integration
- Build/Deployment Automation

### Robotics/AI

- ROS
- Sensors/Perception
- Path/Motion Planning
- 2D/3D Simulation
- Multi-Robot Systems
- Navigation

### Electrical Engineering

- Microprocessor circuit design
- Schematic Capture/Layout
- PCB prototyping
- Cable / Wire Harnesses
- EMI/ESD

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## HIGHLIGHTED PROJECTS



Contact: [principals@bivylabs.com](mailto:principals@bivylabs.com)