

Comprehensive Engineering Design and Software Implementation Services

These engineering services combine mechanical design and software implementation. They include CAD design, code development, and system integration for mechanical systems.



Service Overview

Precision Motion Control Solutions

We provide comprehensive engineering solutions tailored for precision motion control systems. Our experienced R&D team supports clients from the early design phase through the entire product development lifecycle, ensuring innovative and cost-effective outcomes. We specialize in miniature transmission systems, integrating mechanical design, electronic hardware, and embedded software.

Core Capabilities

Our Expertise

- Miniature gearbox design, manufacturing, and assembly
- Motor drive circuit design, testing, and assembly
- Embedded software development for motion control
- System integration and analysis
- Early-stage design consultation

Industry Focus

Precision Motion Control, Miniature Transmission, Embedded Systems, Mechanical Engineering, Circuit Design

Service Process

Project Lifecycle Support

Phase	Description
Early Design	Collaborative conceptualization and requirements definition
Development	Mechanical design, circuit design, and software coding
Testing & Assembly	Verification of hardware and software integration