ENGINEERING

For over 40 years, we have been helping technology companies successfully bring new products to market.

We are experts at high-performance instruments for an array of applications.

Electronics

- Miniaturized Designs
- High-Throughput Computational Engines
- Low-Noise Circuitry
- Battery Management
- FPGA Design
- Robotics and Motion Control

Software

- Embedded Software
- Machine Learning / Al
- Desktop and Mobile Apps
- LabVIEW Development
- Edge and Cloud Computing

Medical

- FDA Documentation
- Verification and Validation
- Industrial Design
- Human Factors

Mechanical

- SolidWorks CAD
- Chassis and Sheet Metal Design
- Thermal Analysis
- Plastics and Injection Molding
- Optics Design and Lasers
- Industrial Design

Manufacturing

- ISO 9001:2015 Certified
- Dedicated Manufacturing Facility
- Highly-Technical Assembly Staff
- Rapid Prototyping to Volume Production
- Quality Control and Warranty



SGS

TECHNOLOGY

DEVELOPMENT PARTNER TO OVER \$1 BILLION

IN EXITS



Examples of projects include DNA sequencers, immunoassay and single cell analyzers, OCT-based cardiac imagers as well as a variety of spectrometers including FTIR, Raman, LIBS and Mass. Additional project experience includes MIL Spec power generation and distribution as well as directed energy systems.

