

# Design and Innovation Services

## HIGHLY EXPERIENCED TEAM FROM...



## WON KUDOS & AWARDS FROM CLIENTS



### PRODUCT DEFINITION

#### Multi-Disciplinary Approach

- Product Marketing
- Information Collection & Analysis
- Market Research
- Focus Group Testing
- Use Case Enumeration
- Economic Assessment
- Customer Requirements

#### Human Factors

- User Experience Design
- Physical & Cognitive
- GUI Definition

#### System Architecture

- Technology Life Cycle
- Modeling & Simulation
- Risk Assessment
- Product Requirements

## An Industry-Leading Engineering Partner

We design and deliver products that:

- Look cool – and work great!
- Offer lightning fast “time to market”
- Work right the first time with excellent testing and simulation

We offer:

- A team with global experience and expertise
- Products with rapid scalability
- Simultaneous deployment of multiple products/projects
- Designs that give you a strong competitive edge

## Domain Expertise

- High-Speed Serial 12Gbps
- Serial Interfaces (SAS, SATA, PCIe)
- Power Electronics
- DSP
- Precision Timing
- Battery & Battery Management
- Audio
- Acoustics
- Wireless (Bluetooth, GSM, WiFi)
- Mixed Signal
- FPGA & FPGA Verification (Xilinx, Altera, Lattice)
- ASIC & ASIC Verification
- AVB
- Embedded Systems & Firmware
- Software
- DFM, DFT, DFA
- Transfer Overseas, Overseas Network
- Diagnostics Development (Engineering & Production Environments)
- Product Qualification (EVT, DVT, RDT, PVT, ORT, HALT/HASS)
- Program Management

## Capabilities

- Product Definition
- Industrial Design
- Mechanical Engineering
- Hardware Engineering
- FPGA / ASIC Design
- Firmware / Software
- PCB Design
- Manufacturing Engineering
- International Sourcing
- Program Management



**Design and Innovation  
Services**

