



## Product Development Services

### Hardware Design Services

- High performance embedded systems using advanced microcontrollers
- Expertise with SOCs from TI, Broadcom, NXP, Marvel, ST Micro, Intel, Atmel, Microchip.
- Wireless: Wi-Fi, BT, ZigBee, LoRa, and LTE Integration
- Wired: HDMI, USB, CSI, DSI, LVDS, 1G and 10G, Modbus Integration
- Power Electronics - SMPS, LED Lighting, Converters
- Integration of Cameras, HID Devices and Displays
- Integration of Sensors, Actuators and other Electromechanical Devices
- Telecommunication and Networking Devices

### Software Design Services

- Expertise in Linux, Android, WinCE Platforms
- Custom BSP and Driver Development
- Firmware Development with all popular uC
- Application Development
- Test development software for stress testing

### FPGA Design Services

- RTL Development
- System Architecture Design
- Experience in Xilinx and Altera FPGAs
- Test Bench Design
- Design verification of target HW
- Verification and Optimization
- Firmware and Software Development on target HW designs

### Manufacturing Services

- Prototyping
- Mass Production
- Turnkey Products
- Custom Cables

### Analysis and Compliance

- Signal Integrity Analysis
- EMI Analysis
- Power Integrity Analysis
- Thermal Analysis
- 3D Modeling
- Compliance Consulting

**From Concept  
to  
Mass Production..!**