

## Internet of Things (IoT)



If you have an idea, but don't know how to implement it, give SMT a call. Here are just a few things we can help you successfully implement:

### Application Use

- Telematics
- Asset Tracking
- Data Collection
- Energy Management
- Agriculture
- Industrial Automation
- Connected Healthcare
- Smart Supply Chain
- Smart Home Integration (Alexa)

### Wireless & Connectivity Expertise

- Wi-Fi
- Cellular LTE / Cat-M
- MQTT / HTTP
- BLE and Ultra Low Power BLE
- LoRa
- MiWi
- Zigbee / 802.15.4
- RFID
- CAN Bus / SAE-J-1939 / NMEA 2000 / LIN
- OBD II
- USB
- Ethernet / Power over Ethernet (PoE)
- Battery Power Management
- Security: HTTPS / SSL

### Engineering Services

- Conceptual Engineering
- Schematic Capture
- Hardware and Firmware design
- PCB Layout and Prototypes
- Flex Circuit Design
- Altium (CAD) Design
- Software and App Development
- Android and Applet Design
- EMC Testing (including IEC 1000-4)
- Regulatory Compliance (UL / CE)
- Production Test Fixture Development
- Mechanical Design and Reviews
- Industrial Design and Reviews

### Manufacturing Services

- New Product Introduction (NPI) Support
- Rapid Prototypes
- High volume production (Domestic and Off-Shore)
- Box Builds and HLA
- Fullfillment

#IoT@SMT

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