Connecting People and Business Seamlessly

CONNECTIVITY

Our everyday work and life is critically dependent on connectivity to enable constant and reliable communication. Short-range connectivity enables hands-free operations and powers smart devices at our homes, during travel, and at work.

Even as devices become more intelligent, supporting multiple protocols and interacting with other devices automatically, their design and protocol requirements have become increasingly complex. Equally important is the need to ensure that the different technologies co-exist alongside each other without interference.

For over a decade, GlobalEdge has been working at all stages of the connectivity value chain, working with our customers covering the chip-to-cloud journey. We work with the entire ecosystem - silicon vendors, device manufacturers, ODMs, and OEMs - to enable reliable, seamless, and all-pervasive connectivity.

GlobalEdge offers end-to-end services, from design, firmware, protocol stack and application development, through to product pre-certification and qualification, thus enabling you to reduce time-to-market for products.

With our expertise and experience in Short Range Wireless technologies, GlobalEdge can help your organization stay ahead of the competition.

Our Offerings Include:

- **Our Expertise**
  - Bluetooth and BLE
  - Wi-Fi - 802.11 a/b/g/n/ac
  - 802.11p/WAVE
  - LR-WPAN (802.15.4)

    1. 6LoWPAN
    2. ZigBee

- **NFC Services**

- **Design & development of connectivity products**

  - Hardware Design & Development
  - Firmware development
  - Customization
  - Stack

    1. Development
    2. Enhancement / Maintenance
    3. Integration

- **Embedded application development**

- **BT and Wi-Fi Product Qualification**

  - Protocol conformance: stack & controller
  - Wi-Fi & BT Coexistence
  - Performance
  - Benchmarking
  - Rate vs. range testing
  - Interoperability
  - Test automation
  - Product pre-certification and qualification
  - Comprehensive Test Suites available(CTS)

Industries:

Automotive

- Smartphone / cellular modem configuration and integration
- In-vehicle Bluetooth communication
- Multimedia / FM / Airplay
- Navigation and GPS

Industrial Automation

- Field device integration
- Remote diagnostics interface
- M2M communication
- HMI development

Telecom

- Protocol conformance / carrier acceptance / automation
- Protocol conformance / carrier acceptance / automation testing
- Software defined networking (SDN)
- Remote monitoring of cell towers; remote management of devices

Consumer Electronics

- Routing -switching / Residential gateways
- Protocol conformance testing

We would love to meet you and understand your business challenges and showcase our capabilities. For a free demo, please contact us at:

Phone No.   **: +91 80 7100 6677**
Email Address   **: sales@globaledgesoft.com**

About GlobalEdge

GlobalEdge is a product engineering company creating intelligence in things for a new connected world. With a vision to be a leading technology company, transforming the embedded world with innovative solutions and services, we are a partner from innovation to implementation. We are focused on designing the behavior of devices using reusable solutions and components and addressing business challenges in Automotive, Consumer Electronics, Industrial Automation and Semiconductor industries through a combination of platform, wireless, connectivity, and cloud solutions. With a wide range of expertise in delivering solutions from 'Chip-to-Cloud', in a world of connected things, we also deliver solutions that are specific to the Internet of Things. Our in-depth experience in platform play, multimedia, connectivity, and cloud solutions makes us a perfect fit as an IoT partner to global enterprises.