



The rapidly-growing wireless industry offers a tremendous opportunity for product vendors, solution providers and application developers alike, with a raft of new wireless applications emerging and existing applications being extended to wireless to increase their effectiveness. Recognizing this opportunity, many vendors are now looking to integrate wireless technology into their products. However the majority of companies either do not have the appropriate resources or do not want to de-focus from their core business and are consequently electing to sub-contract the design and development work involved. In response to customer demand Red-M is providing a range of engineering design services to meet these needs.

Red-M has proven in-house design expertise and can offer complete design and development services for wireless infrastructure and mobile devices, with solutions ranging from hardware modules and embedded software through to complete products. A combination of world-class engineers, real product experience and customer-centric processes, allows Red-M to deliver high-quality solutions and robust technology implementations.

Red-M engineering design services include hardware, software, consultancy and network management disciplines. The methodologies adopted for each discipline are designed to be flexible, easy to use and tailored to 'right-first-time' design, yielding re-usable modular components in short timescales.

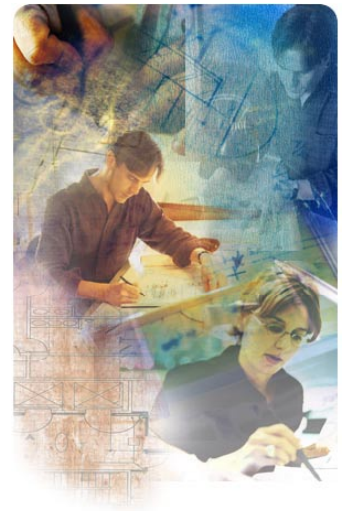
Why choose Red-M for outsourcing?

Red-M's expertise in wireless networking is built on a solid foundation of years spent designing and developing business-critical network solutions. Red-M has an enviable reputation for products that are 'right-first-time' and interoperate well with other vendors' products. Existing product designs include: complete products, such as access points and PDA blades; components, such as the radio module designs; network infrastructure software; and mobile device stacks and user interfaces.

Red-M has extensive expertise in both Bluetooth certification and regulatory radio and communications approvals. By obtaining certification and approvals for its own products Red-M has established relationships with radio and communications authorities throughout the world.

The nature of Red-M's product offering allows us to work across a broad range of customer platforms and environments, wireless standards and Bluetooth profiles*.

Red-M is a recognised innovator in the Bluetooth market, an active associate member of the Bluetooth Special Interest Group (SIG) and a driving influence in the Personal Area Network (PAN) technology group. This gives Red-M the ability to be first to market with new functionality and products, and will allow outsourcing clients to be among the first to demonstrate and deploy new Bluetooth features and profiles as they become available.



Specific service elements include:

Engineering services

- Networking protocols
- Wireless design engineering
- Hardware engineering
- Embedded software
- Network infrastructure
- Device mobility modules
- Network access control & management

Product lifecycle ownership services

- Hardware and software re-engineering
- Functional enhancements
- Feature addition
- Continuous engineering support

Product development

- Product definition
- Architectural design
- System-level design
- H/w and s/w development
- Complete product solutions
- Module & software design
- Module integration and testing

Intellectual property & Expertise

- IP-based services
- Bluetooth solutions
- Wireless Security, Circuit based voice, WAP, XML, PHP, IPSec, H.323, H.450, SIP, VoIP, Q921, Q931, PPP, PAP, CHAP, BNEP,

* Platforms and standards supported include: Linux, WinCE, PocketPC, Windows 98/Me/2000/XP, RTOS, web-based management, Bluetooth, 802.11, GPRS, Personal Area Network (PAN), Generic Access, Service Discovery, Serial Port, LAN Access, Dial Up Networking, Generic Object Exchange, Headset, and Cordless Telephony Profile (CTP).