



Mobile Application Development



## Network Software Development

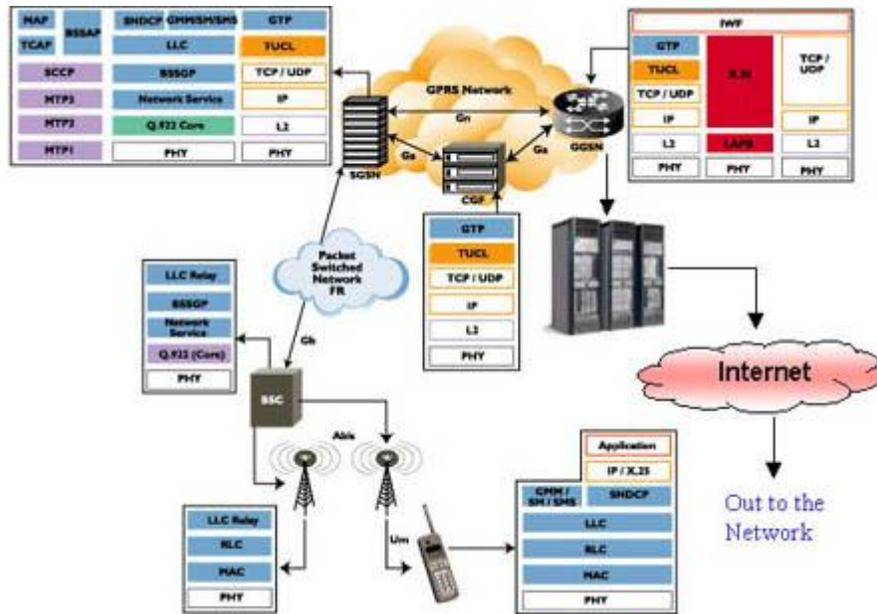
Rapidsoft Systems has extensive expertise in the implementation and design of Network technology products. We have worked on designing routers, switches, base station code, cable modem code and all other software systems. We can do custom hardware and embedded system design, write device drivers and work with various real time operating Systems (RTOS). Our founders have been involved in the development technology products and key standards in such prestigious organizations such as IETF, IEEE, Open Mobile Alliance (OMA) and 3 GPP

### Implementation of Network Software Protocols

Our capabilities run deep in the networking software arena. There isn't a networking protocol that we haven't implemented. We have written IETF RFCs and Internet drafts in a number of areas. Our engineering experts have developed routing protocols, SNMP agents, DHCP servers, RADIUS protocols, Switching Software, Firewall software. So, there is n't an area that we cannot deliver good results that will not exceed your expectations. We are very familiar with the implementation of various networking protocols such as SMTP, POP3, IMAP, SIP, RTP, RTSP, OSPF, BGP, RIP, SNMP, HTTPS, TLS and SSL, P2P Software.

**Rapidsoft Systems' expertise covers a wide area of system level software. Particular specializations include:**

- **Socket Programming and Custom Protocol Design**
- **Networking protocols and inter-process communication**
- **Configuration Parsing Engines, Command line interfaces**
- **Distributed computing and client-server architectures**
- **High performance complex data gathering and analysis**
- **Very high performance database alternatives**
- **Embedded, real-time, device driver, and other hardware-near software**
- **Optimized implementations of general algorithms**
- **All software is developed in K&R C, ANSI C, or C++ in accordance with customer requirements, optionally with strict adherence to POSIX, ANSI, X/OPEN, or other standards, and will be portable to any common UNIX flavor system.**
- **Software Exanples: Mail Program, POP3, IMAP, SIP, RTP, RTSP, OSPF, BGP, RIP, SNMP, HTTPS, TLS and SSL, P2P Software.**



Our Technology Expertise Product Map

### Key Features of our Networking applications

| Features                                  | Advantages                        |
|---|-----------------------------------|
| Multi-threaded, Thread Safe               | Adaptability                      |
| Verified Memory Leaks                     | Scalability                       |
| Code Inspection and Typecast checking     | Reduced costs                     |
| Byte order checking and Portability       | Security                          |
| Secured communication using SSL/TLS       | Reliable Support                  |
| Process communication and synchronization | Network Management                |
|   | End- to – end network performance |

### Implementation of Distributed Applications

Distributed applications are mainly used in various businesses like airline, finance and telecom. We offer scalable distributed applications for your business operations.

Large scale distributed applications are very complex and hard to sustain due to their complexity in scheduling, developing, maintaining etc. We strive to provide you the solutions that facilitate your business complexities.

- Distributed Services
- Time services
- Security services
- Thread services
- Directory services
- Distributed Computing
- Remote procedure call

**Why Rapidsoft Systems:**

With over 350+ software projects executed, you can simply count on our expertise, experience in giving you the right solution at absolutely lowest possible cost. If you would like more information, or want us to submit an estimate or a "no-obligation" quote for your project, contact us for more information.

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