



WiFi Development

Benefits

Calsoft helped the customer:

- Accelerate development of their product with skilled engineers
- Reduce time to market with proven processes and methodologies
- Achieve their overall objective at a lower cost thereby increasing margins/profits

The Client

The Client is a global leader in semiconductors for wired and wireless communications - manufactures networking and communications ICs for data, voice, and video applications.

The Challenge

The client was looking for a strong technology partner to help in the design of a 802.11b/g PCI Card with Athena Chipset and chipcon Radio.

The Solution

The client chose Calsoft Labs as their offshore technology partner. Calsoft Labs' solution to the client had both hardware and software components.

Calsoft Labs designed the complete Hardware for 802.11b/g PCI card. The main features of the board are:

- Board with 6 layers with 5 mil spacing
- WHQL Testing and help the certification process
- Supports 802.11 b and g specifications.

The software solution consisted of device drivers for various Operating Systems such as Linux 2.6, Windows 2000 and Windows XP.

This was followed by a thorough System Test as well as **RF Test**.

Technology and Resources

- **OS / Toolchain:** Linux, Windows 2000, Windows XP
- **Environment / Tools:** Windows DDK, Ethereal, AiroPeek

If you wish to know more about Calsoft Labs and its offerings, please feel free to mail us at info@calsoftlabs.com

About Calsoft Labs

Calsoft Labs provides specialized concept to market Product Engineering and embedded design and engineering services in select market segments – ISVs, New Media Companies, Networking and Datacom OEMs, computer hardware manufacturers, semiconductor companies and consumer electronics companies.