

## Prayog™ SBC DESIGNING AND DEVELOPMENT



### BUSINESS NEED

Prayog™ SBC is a development platform based on Intel's Strong-Arm processor with over 40 applications. This was designed, developed and produced by ALLEN Calsoft Labs team of engineers for specific clients.



### TECHNOLOGY USED

- ⦿ **Hardware:** Intel SA1110 board, PCI, USB, 10/100 LAN, IrDA, Keyboard, Mouse, FDD, HDD, SP and PP interface, micro-windows, smart card, MP3, ORCAD
- ⦿ **Firmware:** Linux & WinCE



### BUSINESS BENEFITS

- ⦿ Highly flexible
- ⦿ Fully customizable



### SOLUTION DELIVERED

- ⦿ Prayog™ SBC has a 133Mhz or 206Mhz ARM processor with 32/64 Mbytes of SDRAM, 8/16Mbyte of Flash, two PCI slots and ports such as 2 USB, 2 SP, 1PP, 2IDE -HDD, 1FDD, IrDA, PCMCIA etc.
- ⦿ It has interfaces such as AC97, smart card, PWM.
- ⦿ On this platform ALLEN Calsoft Labs has developed various device drivers for: LCD, IrDA, HDD, micro-windows, smart card, MP3, etc.
- ⦿ The platform runs on Linux BSD (and WinCE – provided only on demand) with 40+ applications including Image processing, JPEG, MPEG to simple Stepper Motor interfaces.



### ABOUT ALLEN CALSOFT LABS

ALLEN Calsoft Labs is a next gen digital transformation, enterprise IT and product engineering services provider. The company enables clients innovate, integrate, and transform their business by leveraging disruptive technologies like mobility, big data, analytics, cloud, IoT and software-defined networking (SDN/NFV). ALLEN Calsoft Labs provides concept to market offerings for industry verticals like education, healthcare, networking & telecom, hi-tech, ISV and retail. Headquartered in Bangalore, India, the company has offices in US, Europe and Singapore. ALLEN Calsoft Labs is a part of ALLEN group, a leader in technology consulting and engineering services.

[www.altencalsoftlabs.com](http://www.altencalsoftlabs.com)



[business@altencalsoftlabs.com](mailto:business@altencalsoftlabs.com)