



Success Story A Fortune 500 Japan-based Networking Company

USB for Printer Controller Card

The Challenge

The scope of project was to develop a firmware for FPGA and ASIC based boards consisting of ARM processor for USB1.0 and USB2.0 devices.

The Solution

A Network Programs team developed USB host controller based on open host controller interface standards

Features

- Generic device that can be implemented as interface to any digital device
- This firmware is portable to both USB 1.0 and USB 2.0 standards
- Generic firmware for RISC based processor implemented in ARM
- Dynamic and static OS resource management

Benefits

- ◆ Binary level portability across hardware platforms and source level portability across software platform
- ◆ Provides USB driver interface on both ASIC and FPGA boards
- ◆ It can be ported to any processor
- ◆ It can be ported to any real-time operating system
- ◆ This module works in parallel with other modules without affecting any environmental tasks
- ◆ It can be operated on NIC card or any chip having USB 2.0 or USB 1.0 supports