NETWORKPROGRAMS™

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Success Story
A Fortune 500 Japan Based Telecom Company

RTOS Porting

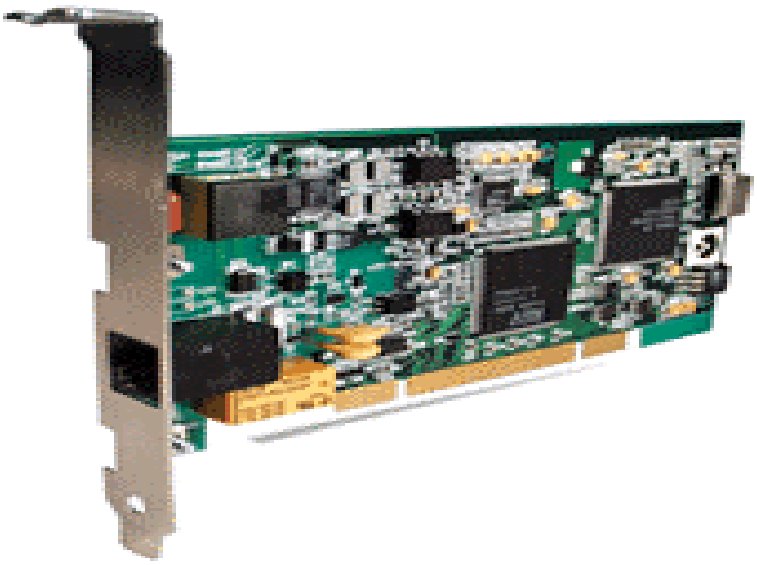
The Challenge

The key requirement in this project was to port a proprietary RTOS to another proprietary RTOS

The Solution

The project involved porting ATM and Ethernet drivers from one real time operating system to another real time operating system on a CPE. It also involved system programming in ARM assembly for hardware test program and cache programming interface. In addition to the porting, Network Programs was responsible for system initialization, device initialization and creation of ports on various devices. The project was completed in the following parts:

- ARM7 assembly programming for HTP and cache interface
- Writing OS independent API which provides mapping from one RTOS to another RTOS
- Providing communication over AAL2, AAL5 using utopia bus and DSL PHY.
- Porting ethernet driver and providing interface for the same.



Benefits

OS-independent APIs for porting RTOS

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