



Success Story

A Fortune 500 Chip Designing Company

AES47 Solution for ADSP chip

The Project

AES47 is an open standard that specifies a method for packing AES3 professional digital audio streams over ATM networks. Network Programs provided the AES47 solutions for the ADSP 21161 chip used in ATM networks.

The Challenge

The project required Network Programs to provide AES-47 based solution for AD 21161 based chip.

Benefits

The AES47-based audio mixer solution is the international standard developed for the transport of audio over an ATM network, with many possibilities for radio broadcasters

The Solution

The project involved study and researching the AES-47, AES-3 and AES-10 protocols for the audio mixer devices for broadcasting applications.

The feasibility study involved:

- Overview, comparison, advantages application and products of the AES-3, AES 10 and AES 47 specification and interface with ATM network
- Overview of ADSP21161 and its interface with FPGA and broadcasting equipment
- Overview of FPGA and its interface with ADSP and AES47

