

# Blue Mountain Consulting

[www.blue-mountain-consulting.com](http://www.blue-mountain-consulting.com)

## Design Solutions

Specializing in

- DSP
- Systems Architecture
- Communication Theory
- FPGA
- ASIC
- Circuit Design
- Software Development

For applications in

- Television
- Radio
- Satellite
- Lighting Control
- Wireless

We provide design and development solutions for your design needs. With several years of experience in developing hardware and software for the wireless and broadcast markets we have the experience and skills to see a new design idea from concept and system architecture through to production and testing.

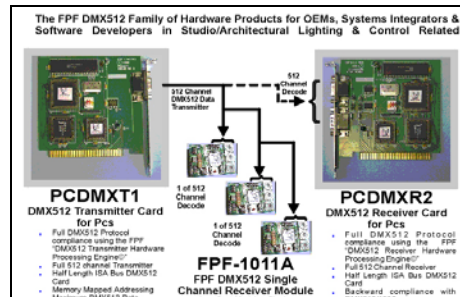
Please see overleaf for some sample designs.

For further information please contact Ravin Perinpanayagam at (858) 705 7251 or visit our web site at [www.blue-mountain-consulting.com](http://www.blue-mountain-consulting.com)



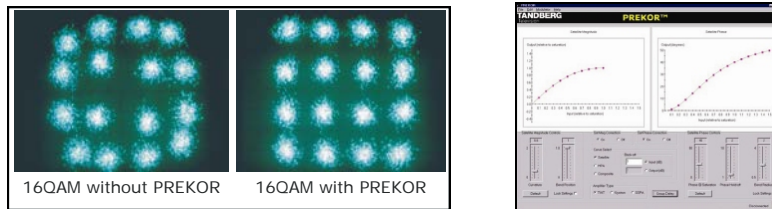
# Sample Projects

---



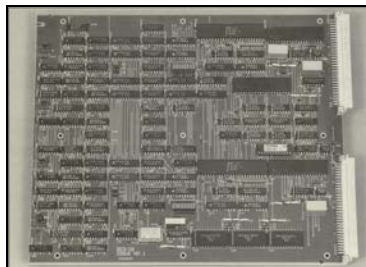
PC based Lighting Control System for FPF Ltd comprising of PC expansion cards, peripheral receiver modules for controlling incandescent and fluorescent lighting as well as multiple windows front end applications

---



PREKOR Dynamic Pre-Correction engine (help with conception, architecture, and design of both hardware and front end software) for correcting magnitude, phase and group delay distortion in the HPA and TWT in Satellite Communication Systems. Currently product is shipping in Tandberg Television's line of Satellite Modulators.

---



DMX512 Lighting Protocol Combining Processor – currently installed and in active service in several of the Television Studios in London, UK

---