

Project: Optical Modulation & Impairment Generator



AimValley Solution

- ASIC RTL Design, Verification
- Team size: ~ 11 people
- Engagement model: Fixed Price

Key technologies:

- 40nm process, 65Gs/s DACs

Customer Objectives

- Industrial Ethernet Switches for Transportation (Railway) and Automation (Machinery & Robotics)
- 120 W PoE from internal power supply

Results & Added Value

Efficiency	Re-use of telecom building blocks
Successful	Delivered RTL First-Time-Right
Partnership	Development in close collaboration with foundry and customer
Innovative	One of the first commercial designs in 40nm