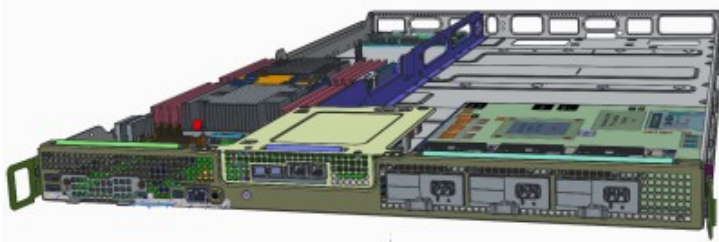


### Customer

A tier 1 manufacturer of switches, routers, packet optical and wireless solutions engaged AimValley to provide design services for middleware for a DWDM 100G WAN blade as a NextGen datacenter solution.

Application included the use of coherent optics combined with DWDM. This product was designed by the Tier 1 NEM with multiple design services companies.



### Customer Objectives

To gain efficiency in the design cycle, they required middleware development that would be of a carrier class quality and high reliability with certainty to meet their intended schedule and level of quality for their complex overall solution being developed.

### AimValley Solution

In this case AimValley was able to pull together several intellectual property (IP) blocks software that existed in AimValley's overall hardened switch/router software which is called AimOS. A core team of 3 AimValley engineers assembled and customized AimOS software components to meet the requirements. Reuse of existing IP Blocks shortened the development time and was the foundation for the high reliability required.

### Key Technologies

- > 100G Ethernet
- > Coherent Optics
- > [Optical Transport Network \(OTN\)](#)

## Results and Added Value

#### **Efficient**

Use of proven technology (software IP), resulting in 20% time-to-market.

#### **Successful**

As per schedule and plan a total of 13 Load Drops were executed. AimValley delivered everything on-time, with the highest quality.



#### **Partnership**

Joint Product Definition and Development with the Tier 1 customer. AimValley executed as a valuable collaborator with 2 customer entities and several 3rd parties.



#### **Innovation**

Flexible system architecture, modular architecture.