

# AimOS – benefits, features and demo



## AimOS Benefits

Source code available with perpetual license

Low cost for L2+ applications

- ✓ One time start fee
- ✓ No per unit royalty
- ✓ Affordable yearly maintenance

Field proven, also on AimValley's products

Customization by you, AimValley or jointly

No silicon vendor lock-in

And in the same team all the support you need:

- Hardware Development
- FPGA Development
- Systems Engineering
- System Verification Test
- Compliance Testing
- Factory Introduction
- Lifecycle Management

## AimOS standard edition features

- User Management
- Command Line Interface (CLI)
- Web UI
- Rest API
- L2 FDB Management
- Event Logging
- RSYSLOG
- Port Management
- Static IP Routing (L3)
- DHCP server
- Self Test
- System Inventory
- Port Mirroring – One to one and many to one
- Port-based Access Control (EAPOL v2)
- Ingress and Egress Rate Limiting
- Remote Monitoring (RMON, RFC2819)
- CPU Storm Control
- 802.3ad Link Aggregation
- Rapid Spanning Tree Protocol (RSTP)
- VLAN Management
- Configuration Management

## AimOS add-on features

These feature can be added to a custom version

- QoS, based upon IEEE 802.1P priority, VLAN-ID, DSCP
- IGMP snooping, v1/v2/Querier/Fast Leave
- MLD RFC3810, RFC2710
- IEEE1588v2 (1/2-step BC and TC)
- SNMP v1/v2/v3
- MRP

## BCM9556160 demo features

- User Management
- CLI
- L2 FDB management
- Event Logging
- Port Management
- DHCP server
- 802.1x Port -based Access Control
- Ingress and Egress Rate Limiting
- CPU Storm Control
- VLAN Management
- Configuration Management
- QoS, based upon IEEE 802.1P priority, VLAN-ID, DSCP