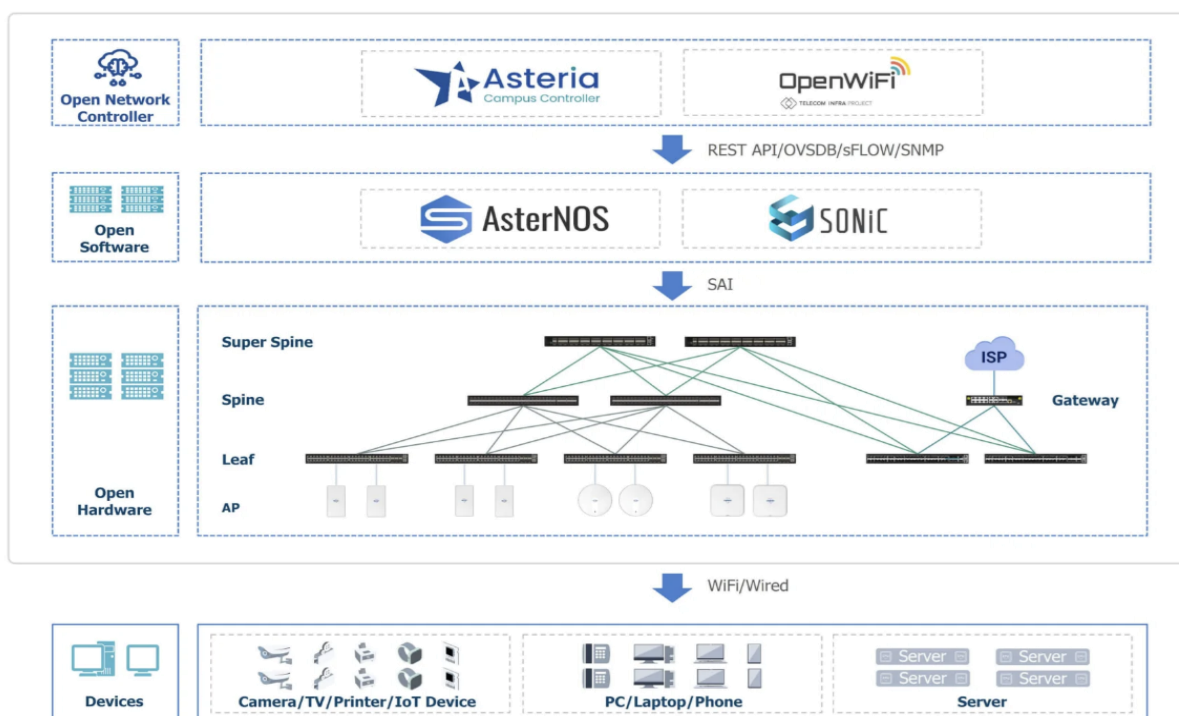# Asteria
Campus Controller

Asterfusion TIP-based OpenWiFi

Compatible Network Controller

In today's fast-paced digital landscape, a robust and seamlessly integrated network infrastructure is paramount to business success. Asteria Campus Controller stands at the forefront of our OpenWiFi and OpenLAN Switching Solution, empowering you to transform your enterprise network management experience.

Asteria Campus Controller provides a comprehensive solution for centralized management and visibility of all TIP OpenWiFi devices within a cloud-based campus network. This includes everything from wired to wireless devices, access points (APs) to Layer 2 access switches, and Layer 3 switches. With this controller, your campus network can be managed and monitored without blind spots, ensuring high efficiency at an extremely low cost.

Network Overview

- Multi-dimensional Quantity Statistics
- Transmit Rate Statistics
- Operation Statistics
- Network Topology

Deployment

- Cloud Deployment
- Local Deployment

operations

- Active Alarms
- Alarm History
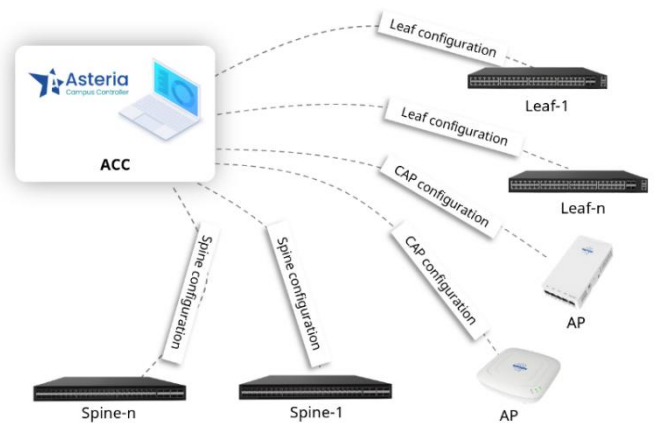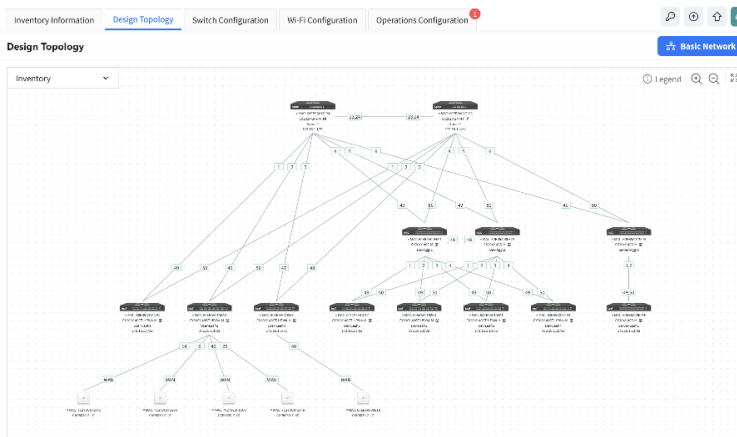- Inspection Record
- Cycle Inspection

Management

- Multi-organization Management
- Multi-site Management
- User Management
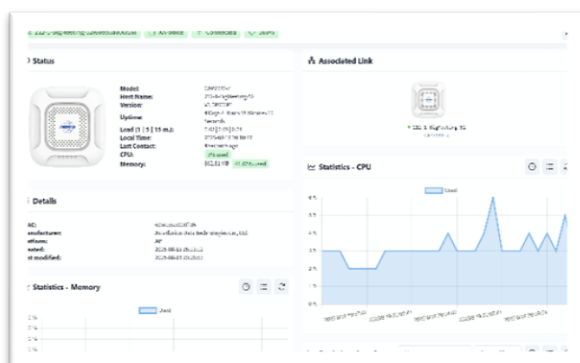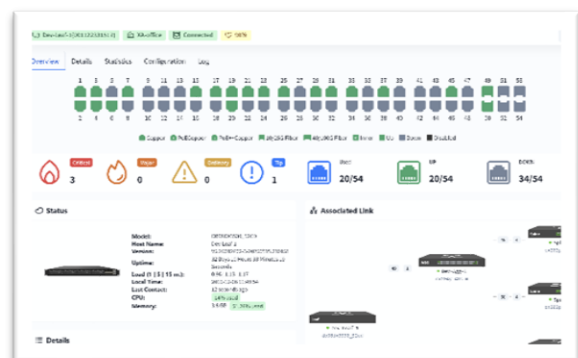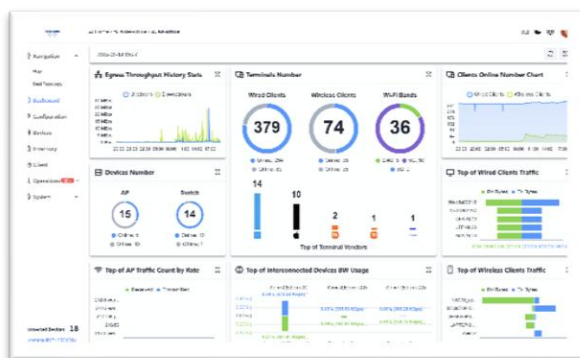- Asset Management

Device Management

- Basic Management Information
- Running Status Information
- Health Status Monitoring
- One-click Upgrade
- Remote Operation
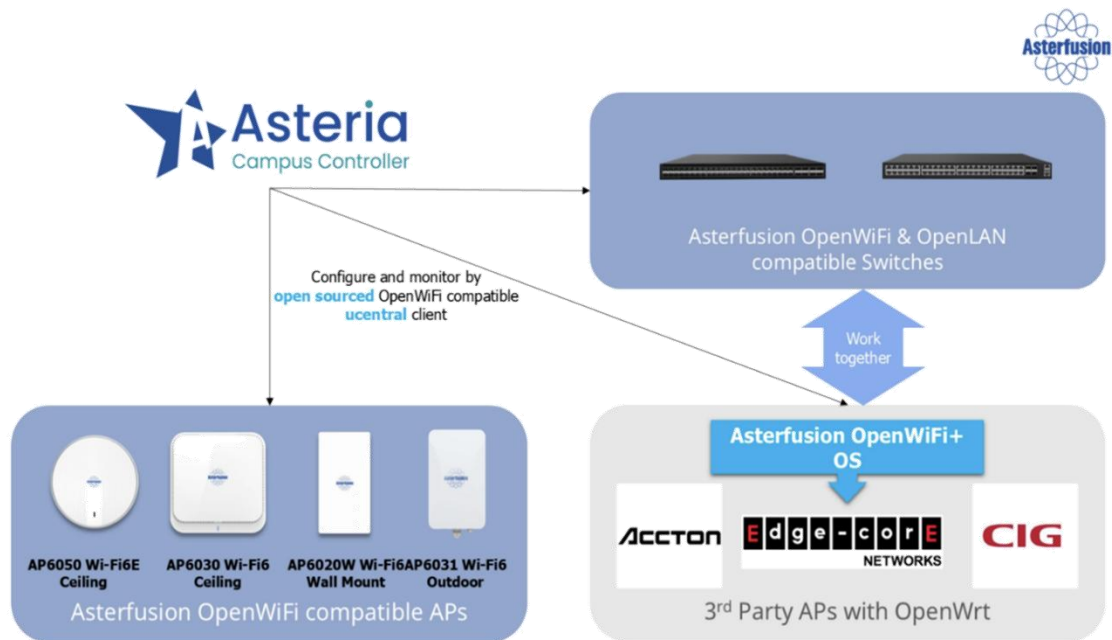- Configuration File Management

Business Configuration

- Strategy on the go
- Zero Configuration Start
- Full Network Automatic BGP
- Multi-layer Unified Template
- Configuration Template
- Unified Management of Wired & Wireless

The controller builds the network topology through administrator input or automatic learning. This allows users to create a planned network topology and preset configurations before devices go online. It generates configuration scripts based on the network topology and business planning, which can be sent to multiple selected devices with one click.

With the Asterusion OpenWIFI controller, powerful real-time monitoring of the health status of switches, wireless APs, and terminals is provided, offering a comprehensive understanding of the condition of all networked devices. And provide customizable alarm notifications to help administrators discover potential network risks in a timely manner.

Asteria Campus Controller delivers industry-leading interoperability through standardized infrastructure management. The OpenWiFi Plus software enhancement enables seamless integration of multi-vendor access point hardware compliant with IEEE 802.11 standards, eliminating vendor-specific constraints in network expansion. This standards-driven solution empowers enterprises to architect scalable wireless infrastructures while maintaining full protocol control and device lifecycle management capabilities. The platform's vendor-agnostic architecture optimizes CAPEX/OPEX efficiency through hardware commoditization and centralized provisioning, establishing next-generation adaptability for evolving enterprise connectivity requirements.

Unified management of wired and wireless networks

Automated operation using pre-defined scripts

Auto deployment and configuration using ZTP

Integrated to Openstack with Neutron plugin

Automatically topology showing

Comply with OpenWiFi standard

Real-time network status monitoring

ZERO license cost for on-prem deployment