



# Intelligent O&M for Campus Network

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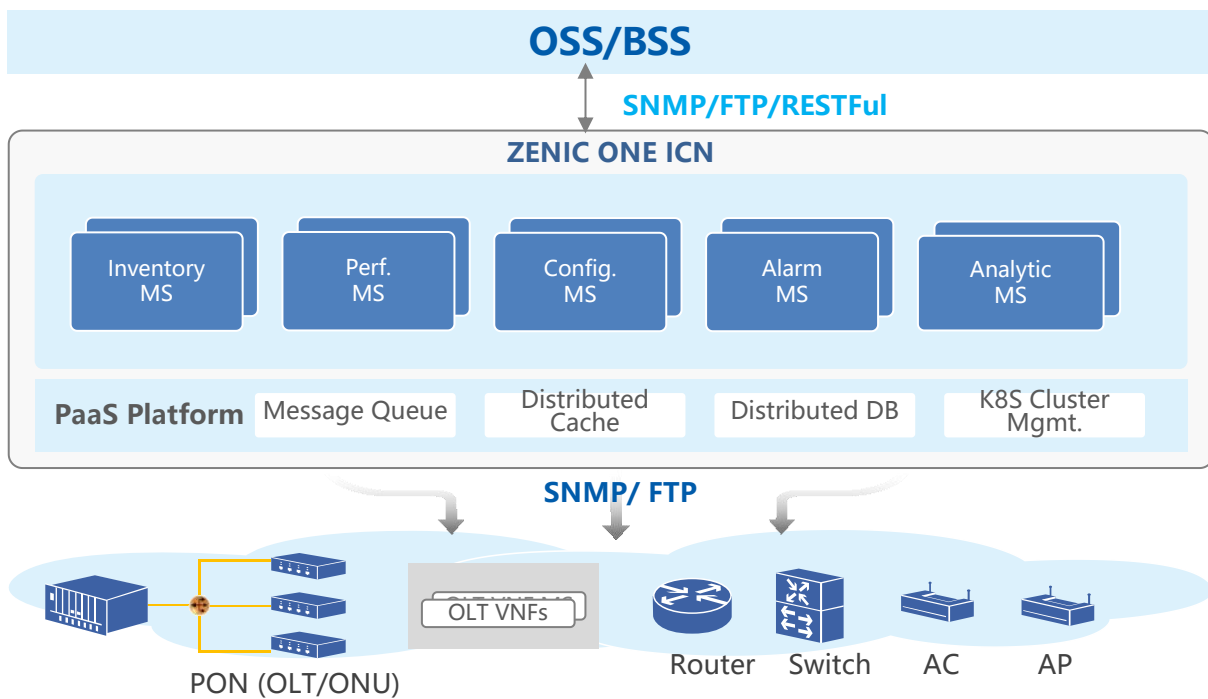
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*ZENIC ONE ICN Highlights*

ZENIC ONE ICN is a **cloud-native** management system specially for campus network. It integrates the management of campus equipment including OLT/ONU, WLAN, AC/AP, switch and router. ZENIC ONE ICN is the industry-leading **3-in-1** system integrating network element manager, SDN controller and network performance analyzer. It is based on micro-service architecture to provide service-based, orchestrate, and combinable components. The abundant O&M functional components lead to easy and efficient operation and maintenance of campus networks.

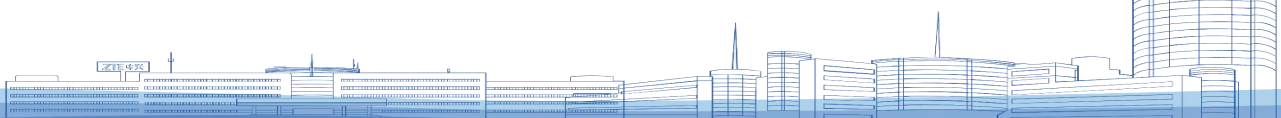
## Architecture

1



## B/S Architecture

- Development, deployment and operation based on micro-service architecture, easy to expansion
- B/S architecture, directly web access without client installation



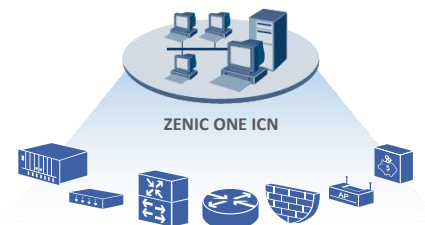
## Highlights

2

1

### Integrated Management

- Unified management of PON, routers, switches, WLAN, and IT devices
- Automatically discovery to construct a real network topology. Customized view for massive equipment



2

### Full-Time Detection

- Monitoring 7\*24-hour alarms in real time to control the network status
- Intelligent alarm association and root cause analysis helps to locate alarms, so that it can be discovered and solved in a timely manner

7\*24-hour  
Real-time  
Monitoring



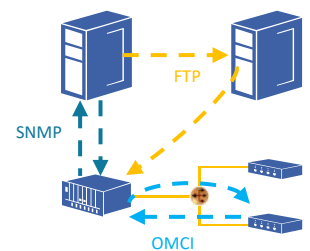
Intelligent  
Association  
& Analysis



3

### Automatic Provisioning

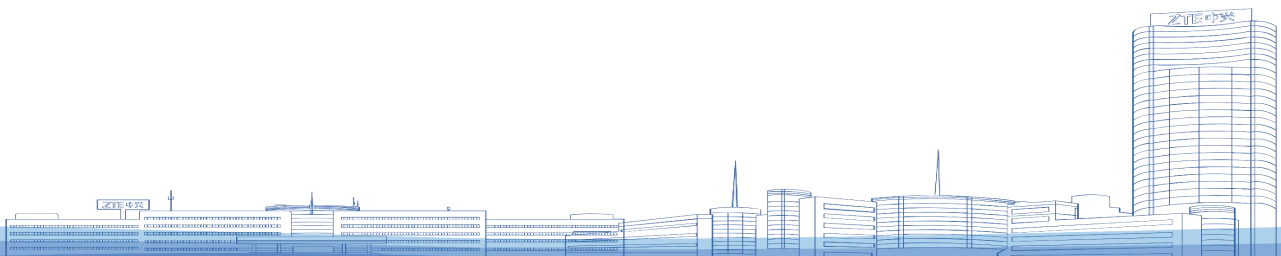
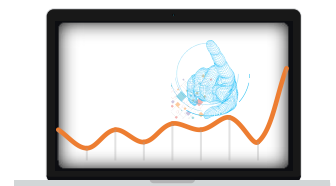
- Configuration templates are planned for switches. Configuration files are automatically obtained after power-on to achieve "Zero-touch Provisioning"
- Service templates are planned for POL devices to achieve zero-configuration, plug-and-play, and automatic provisioning



4

### One-click Diagnosis

- Intelligent diagnosis for fault management, one-click fast delimiting and locating of fault points
- Identifying and delimiting the fault cause based on the knowledge database and AI algorithm, with the accuracy rate more than 95%
- The fault points and causes can be visualized display





# ZTE Leading 5G Innovations

