

eSight Network Management Solutions

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Foreword

As the network scales and the number of enterprise network applications continue to grow, more and more **devices require support, including multi-service routers, security gateways, and WLAN Access Points (AP)** that implement communication and collaboration services in decentralized networks, like enterprise campus networks and branch office networks. An enterprise network is also increasingly comprised of multi-vendor devices. Each device may have its own management system, creating a nightmare for system and network administrators. This section introduces the **eSight Unified Network Management Platform** as an effective unified network management station (NMS) solution for the monitoring and management of all network and system resources.

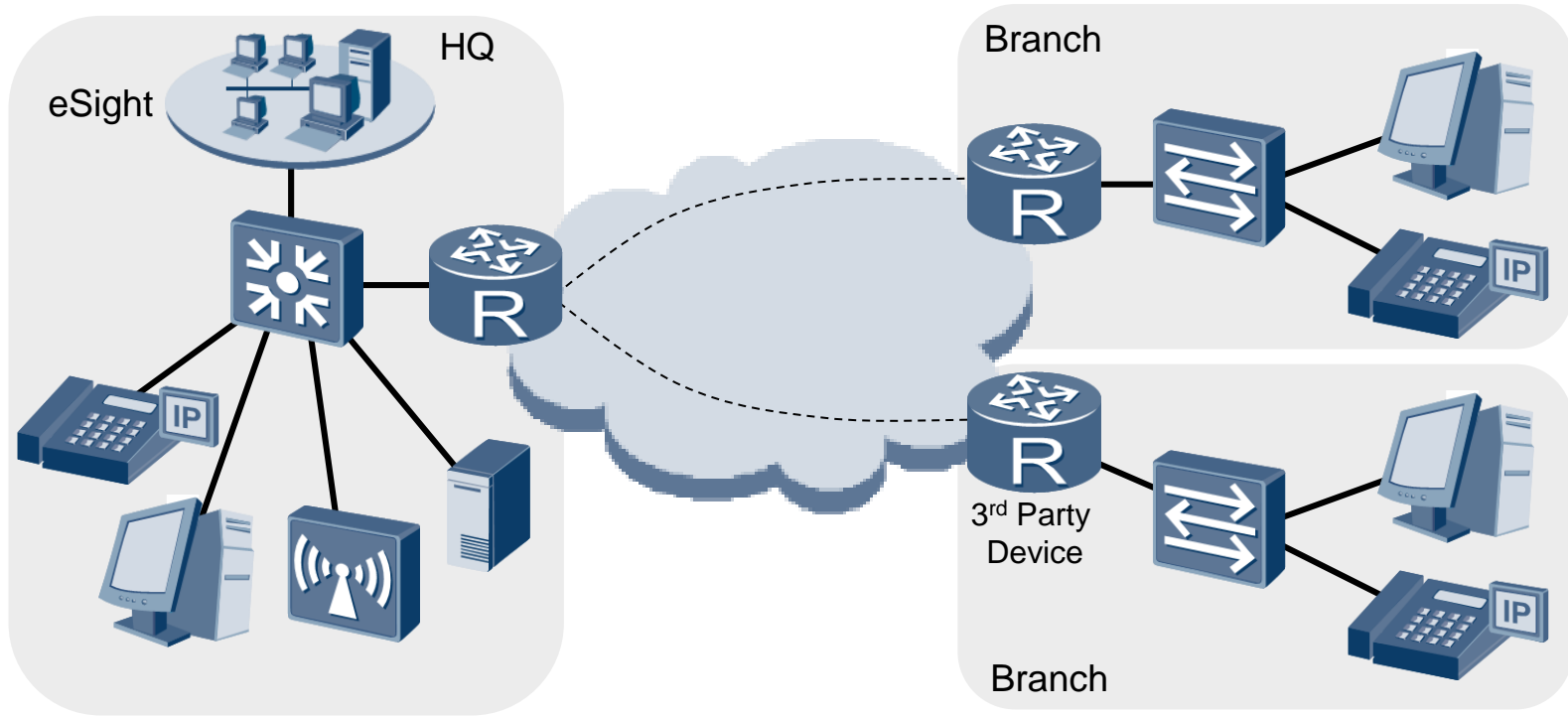


Objectives

Upon completion of this section, trainees will be able to:

- Explain the application of eSight in the enterprise network.
- Describe the services provided by eSight as part of a complete network management solution.

Huawei NMS Solution



- Monitors and manages local and remote enterprise networks.
- NMS is capable of supporting multi-vendor network equipment.

Huawei NMS Solution

Compact Edition :

- alarm – performance – topology;
- configuration files – network – link – log – physical resources
- ip topology – custom devices – security

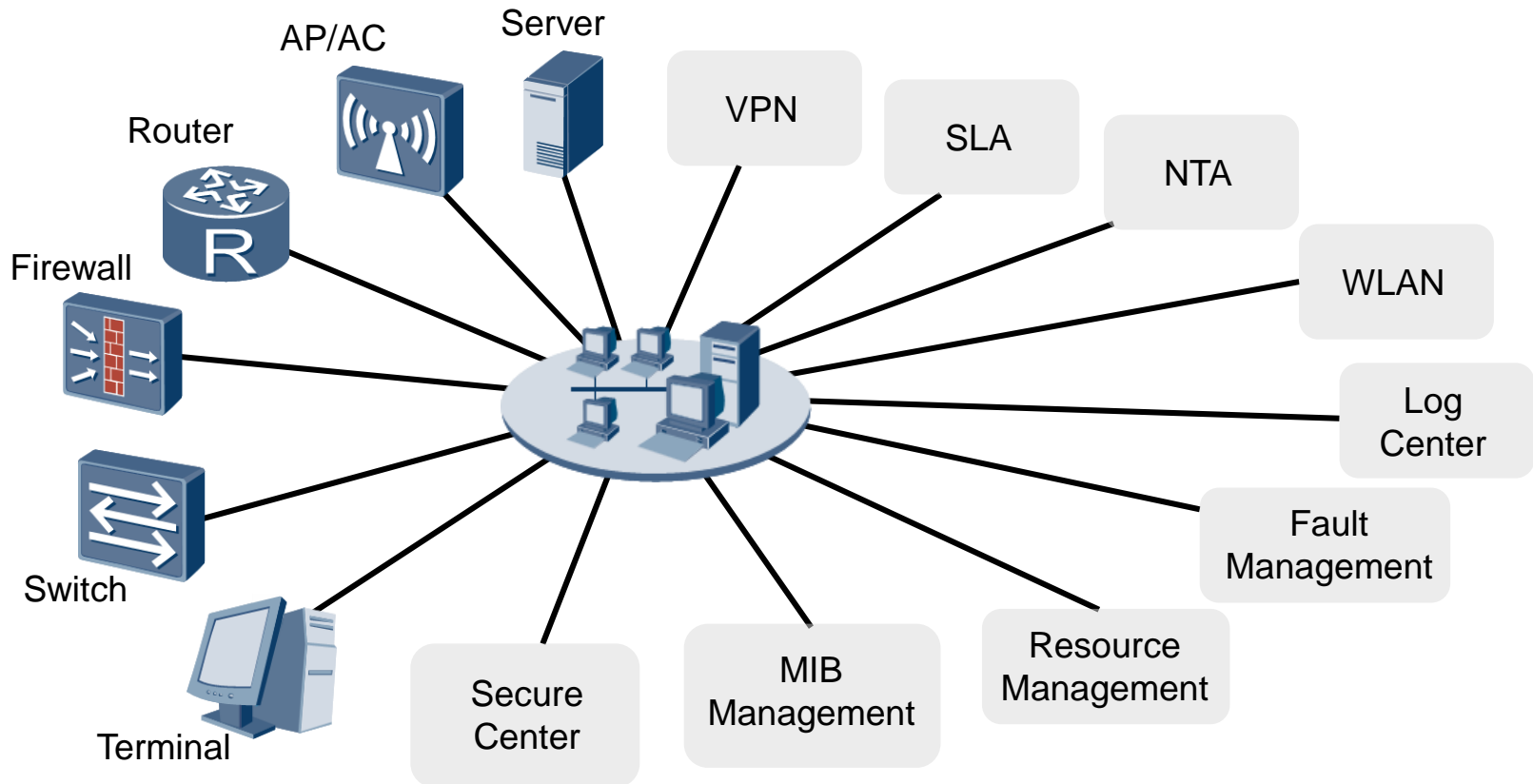
Standard Edition:

- adds WLAN management;
- Network Traffic Analysis;
- SLA Management;
- QOS – MPLS – VPN Management;
- LogCenter – Secure Center SNMP alarm

Professional Edition:

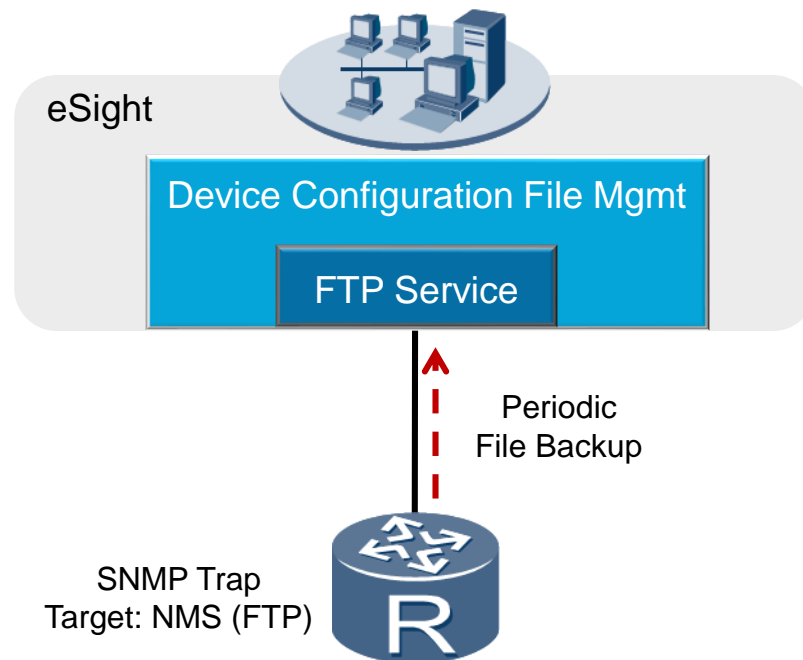
- Data Center Management
- Hierarchical Network Management
- Support for linux two-node cluster.

eSight Component Introduction



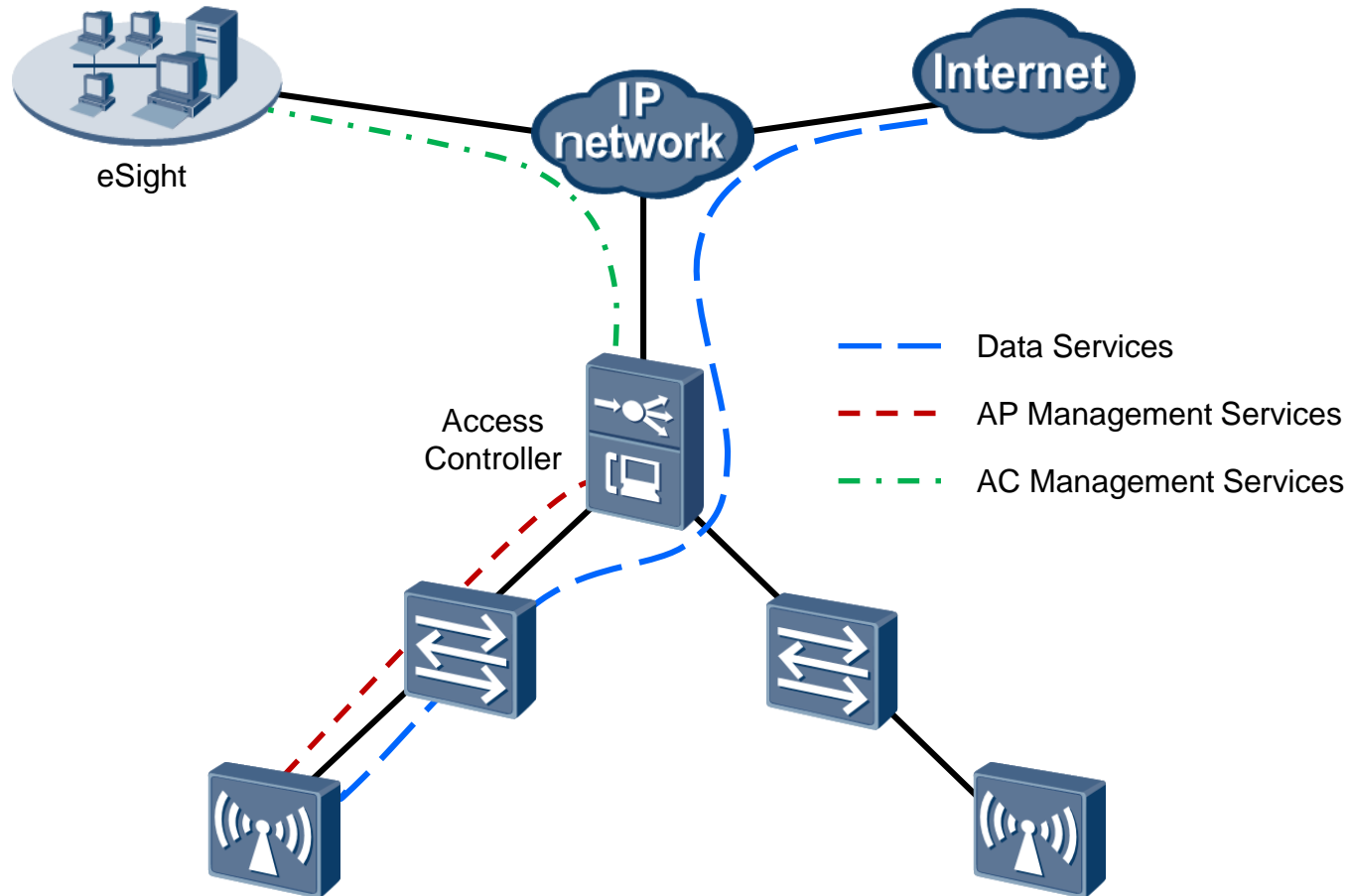
- Multiple management services supported for all technologies.
- Management of a wide range of Network Elements (NE).

Configuration File Management



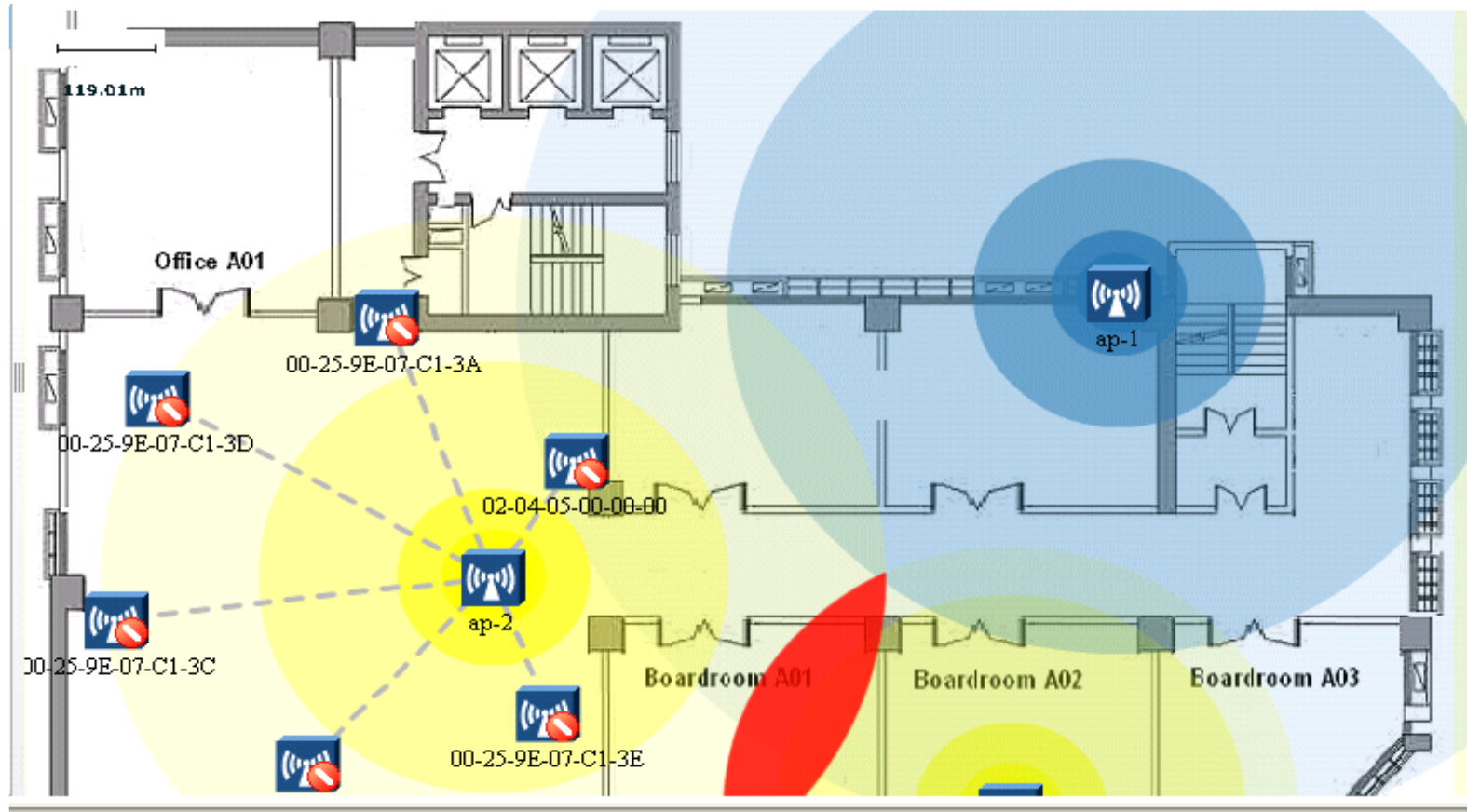
- Management of basic services such as configuration file backup.
- Service operations are controlled centrally through eSight.

WLAN Management



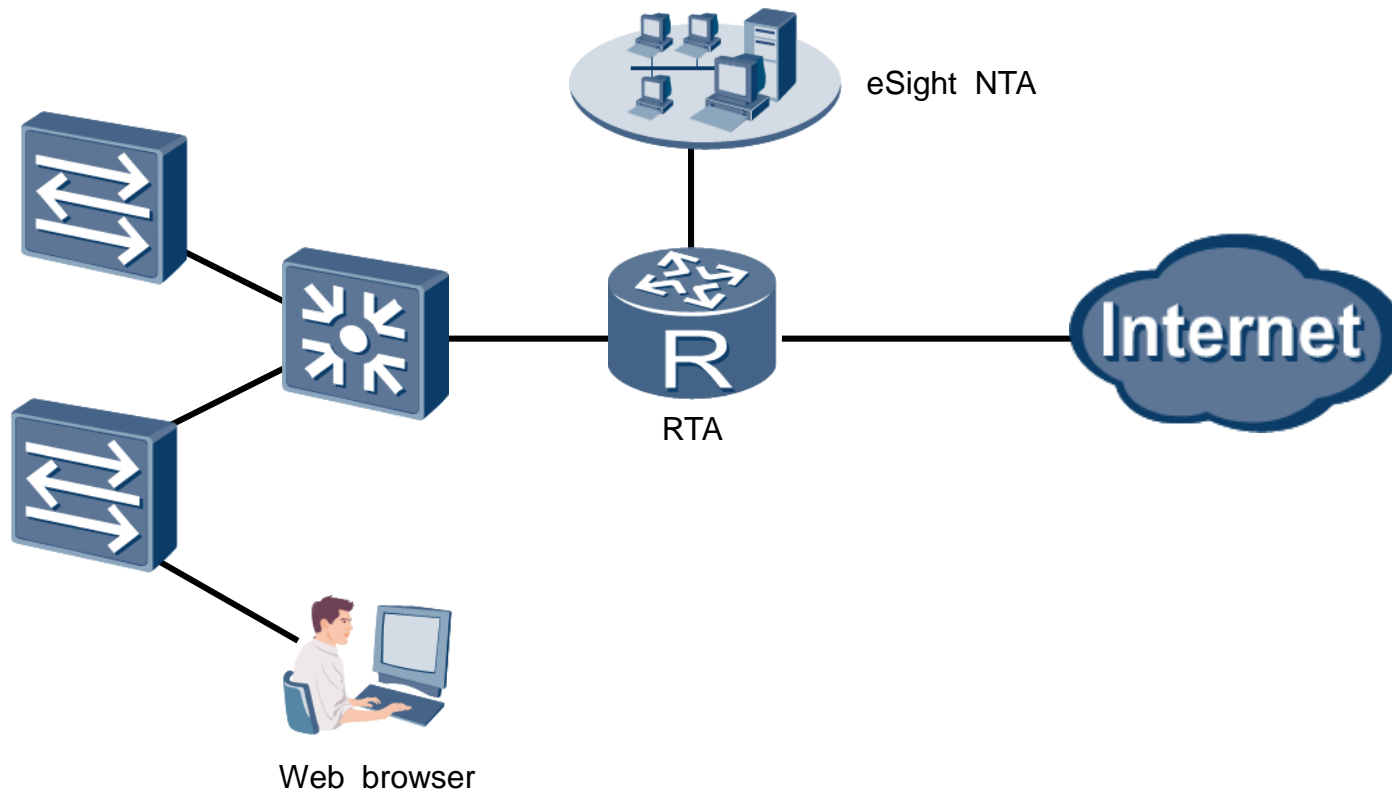
- NMS provides solutions for enterprise WLAN management.

WLAN Management



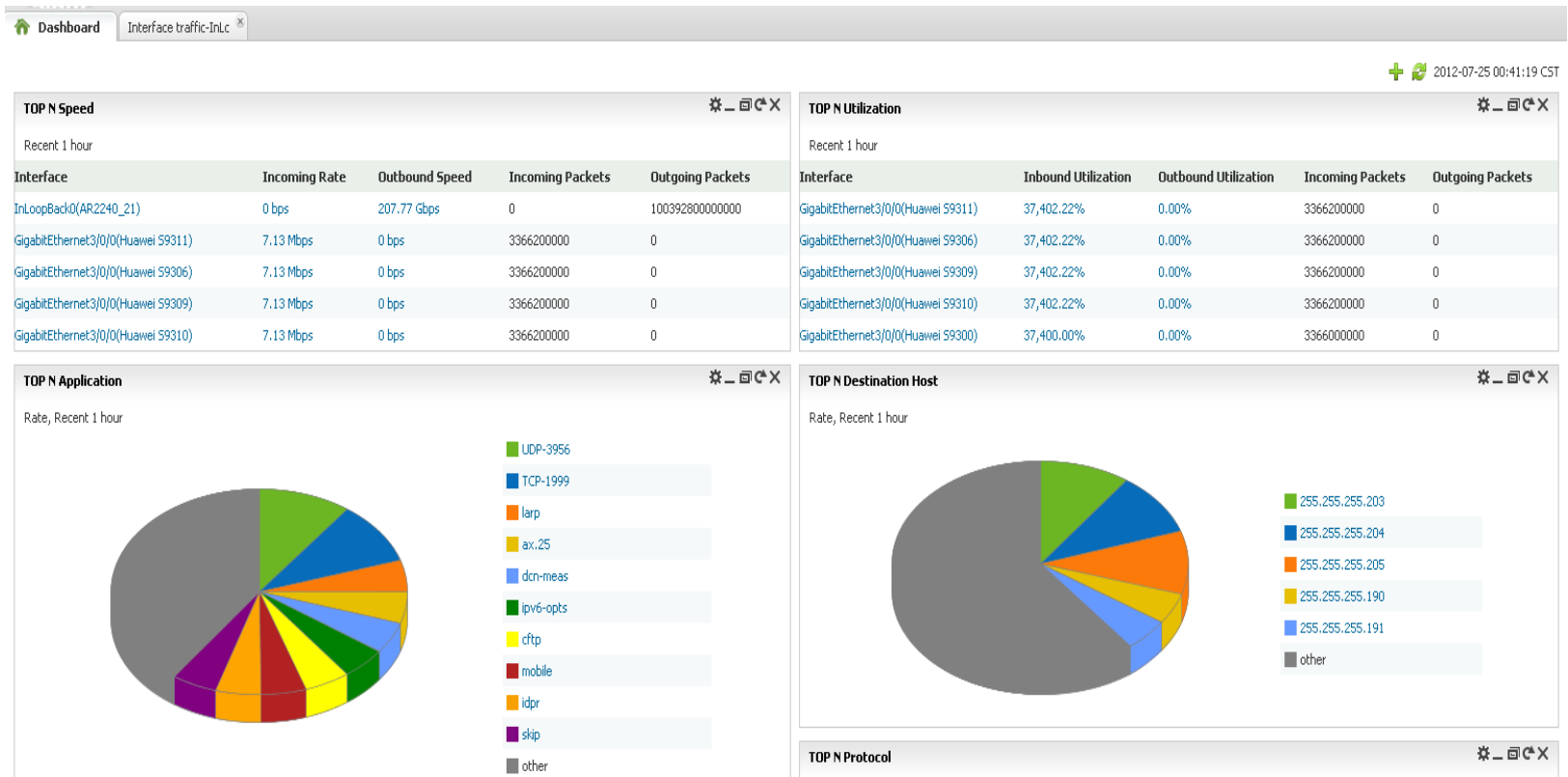
- Monitoring tools can be applied to maintain network operations.

eSight Network Traffic Analyzer



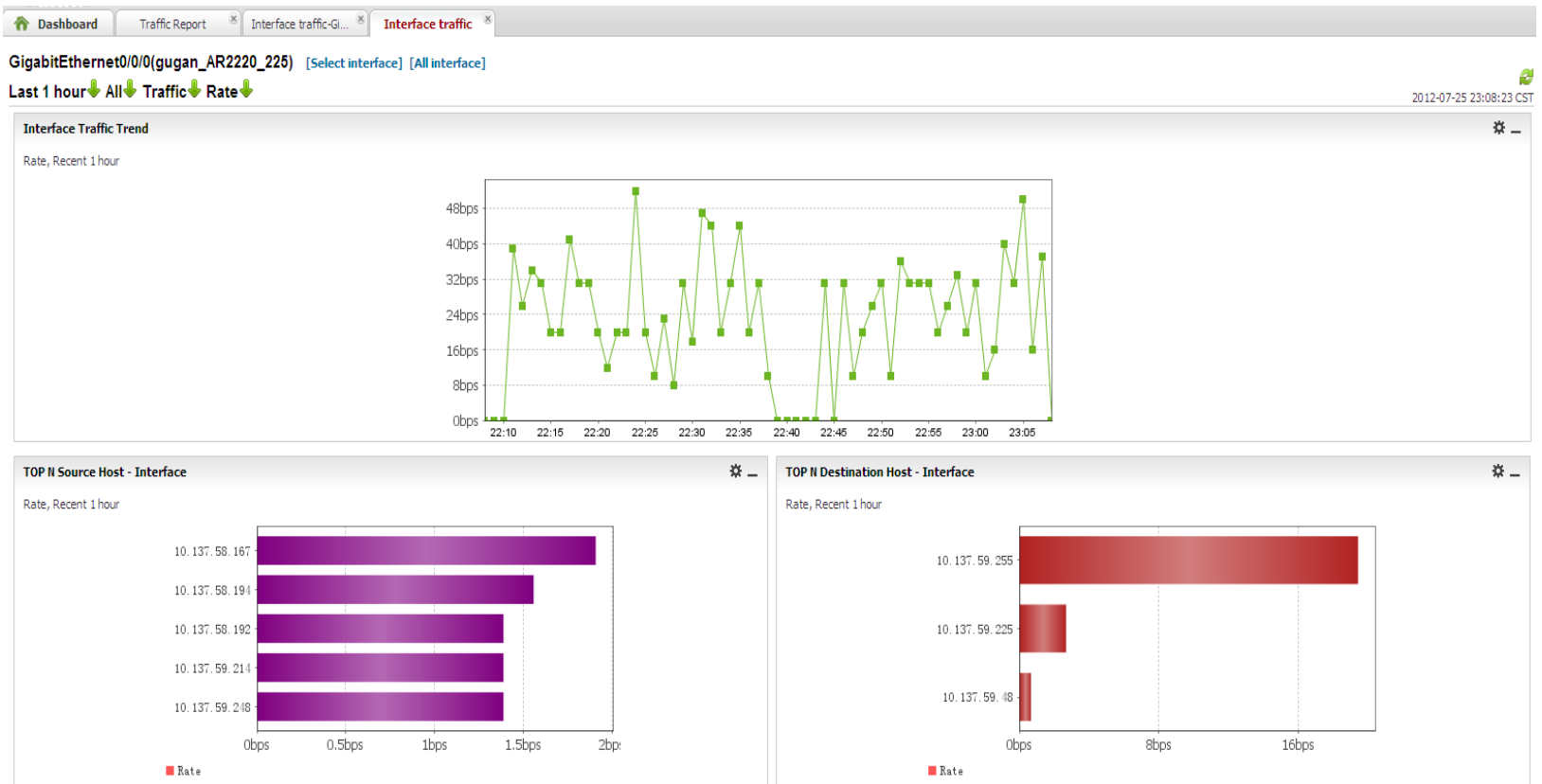
- Abnormal traffic behavior can be detected through NTA.
- Collates information for devices, interfaces, protocols etc.

eSight Network Traffic Analyzer



- NTA statistics can be monitored in real time using dashboards.
- Analysis allows for high level or detailed inspection of results.

eSight Network Traffic Analyzer



- Information can be output using various data display formats.
- Results can be used to generate instant or periodic reports.



Summary

- What are the three editions of the eSight network management platform?



Thank you
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