

M2000/U2000

Network Management System



The eLTE M2000/U2000 from Huawei is a network management system for managing a wide range of elements in wireless enterprise networks, including eNodeBs, eCNS600s, and IPCLKs. The NMS for enterprise evolved from Huawei's carrier-grade management platform and incorporates many optimization features, such as high integration, high reliability, plug and play.

Highlights

- **Small Size, Big Reliability**

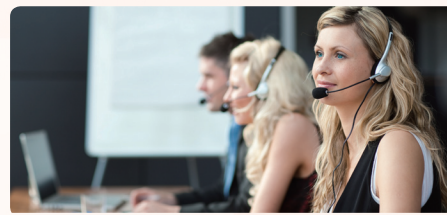
The M2000/U2000 uses a PC server that can be deployed in a core network cabinet (such as the eCNS600) or switch cabinet. The small server size requires minimal space and minimal power, helping to keep operating expenses low. What's more, the server is exceptionally reliable with a mean time between failures of 4,772 days or more and a mean time to repair of less than 30 minutes, guaranteeing system availability of more than 99.99%.

- **Cost-Effective Deployment**

As the number of LTE deployments grow, so do the demands for reduced maintenance and operating costs. Huawei brings a history of success in developing carrier networks to developing LTE networks for enterprise, along with extensive experience managing cost-effective LTE deployments (including new service rollouts) while preserving high QoS and low maintenance costs.

- **Powerful Network Management**

The Huawei eLTE NMS is a powerful tool for managing large, medium, and small enterprise networks. The eLTE NMS offers a comprehensive, field-tested, and robust solution with management tools that cover the entire eLTE service lifecycle, from initial installation to full service networking. The eLTE also provides monitoring, reporting, and troubleshooting features to meet customer requirements for efficient network operation.



Feature & Benefits

The eLTE NMS provides comprehensive operations and management solutions for enterprise customers:

- Performance Management
- Fault Management
- Configuration Management
- Security Management
- Log Management
- Resource Management
- Alarm Management
- FARS (Fault Assistant Resolved Solution)
Fault Detection and Management

Specifications

Management Capability

Category	M2000	U2000	
Hardware Platform	2 CPU IBM x3650 M4	2 CPU IBM x3650 M4	4 CPU RH5885H V3
Management capability (number of equivalent NEs)	≤ 100	≤ 50	≤ 80

Mechanical Specifications

Category	M2000	U2000	
Hardware platform	2 CPU IBM x3650 M4	2 CPU IBM x3650 M4	4 CPU RH5885H V3
Dimensions (H x W x D)	86 x 445 x 746 mm	86 x 445 x 746 mm	175 x 447 x 790 mm
Memory	32GB		
Hard disk	8x300GB		

Reliability Specification

Category	M2000	U2000	
Hardware platform	2 CPU IBM x3650 M4	2 CPU IBM x3650 M4	4 CPU RH5885H V3
MTBF (hours)	114,509	114,509	76299.6
Annual Mean Failure Time (hours)	0.49932	0.49932	0.1146667
Availability	0.999943	0.999943	0.9999869