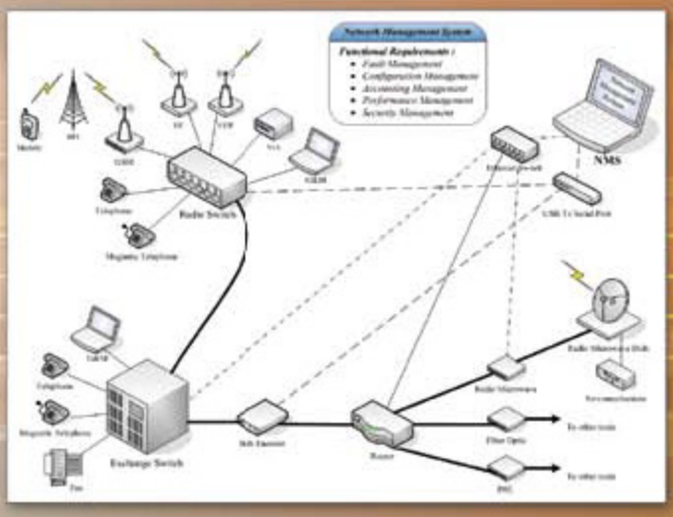
Functional Areas of Network Management System



Functional Areas of Network Management System

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ITU-T (M3400) Standard for NMS:

Fault Management

Alarm Surveillance
- o Receive Alarms
- o Persist Alarms
- o View Alarms
- o Alarms Severity Management
- o Alarms Filter Management
- o Alarm Threshold Management

Fault Localization

Fault Correction

Testing

Configuration Management

Inventory Management
- o Discovery Management
- o Standard Software Interface
- o Discovery
- o Persist Discovered Data
- o Table & Tree View
- o View Physical Property of Devices
- o GIS & Mapping

Configuring Network Devices
- o Reset & Shut Down
- o In Service
- o Out of Service

Accounting Management

CDR Collection and Processing

Performance Management

Data Measurement and Analysis
- o Add New Measurement
- o View Added Measurement
- o Delete Added Measurement
- o Data Gathering
- o Persist Gathered Data

Performance Monitoring

Security Management

Authentication/Authorization/Audit

Secured Data Storing

Secure Communication

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