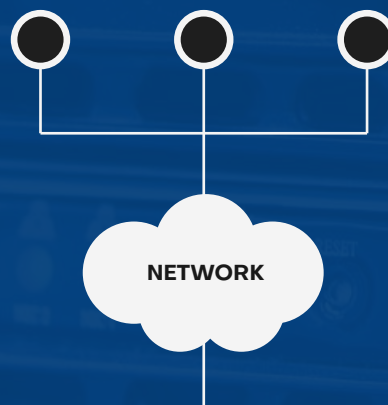# VCL-UNMS

## UNIFIED NETWORK MANAGEMENT

NETWORK

## Key Features:

▸ Manage and monitor multiple devices from a single interface accessible anywhere on the network

▸ No need to install software on multiple machines

▸ Secure network communication between host and devices

▸ Provision new devices within minutes

▸ Scalable architecture–scales with a growing network

▸ Access and manage using a PC, tablet or a smartphone

▸ Role-based access control for fine grained management.

**INSTALL ONCE
ACCESS ANYWHERE**

## System Requirements:

▸ 16 GB RAM

▸ 8 core CPU

▸ 1 TB HDD

▸ Ubuntu 18.04 LTS or higher
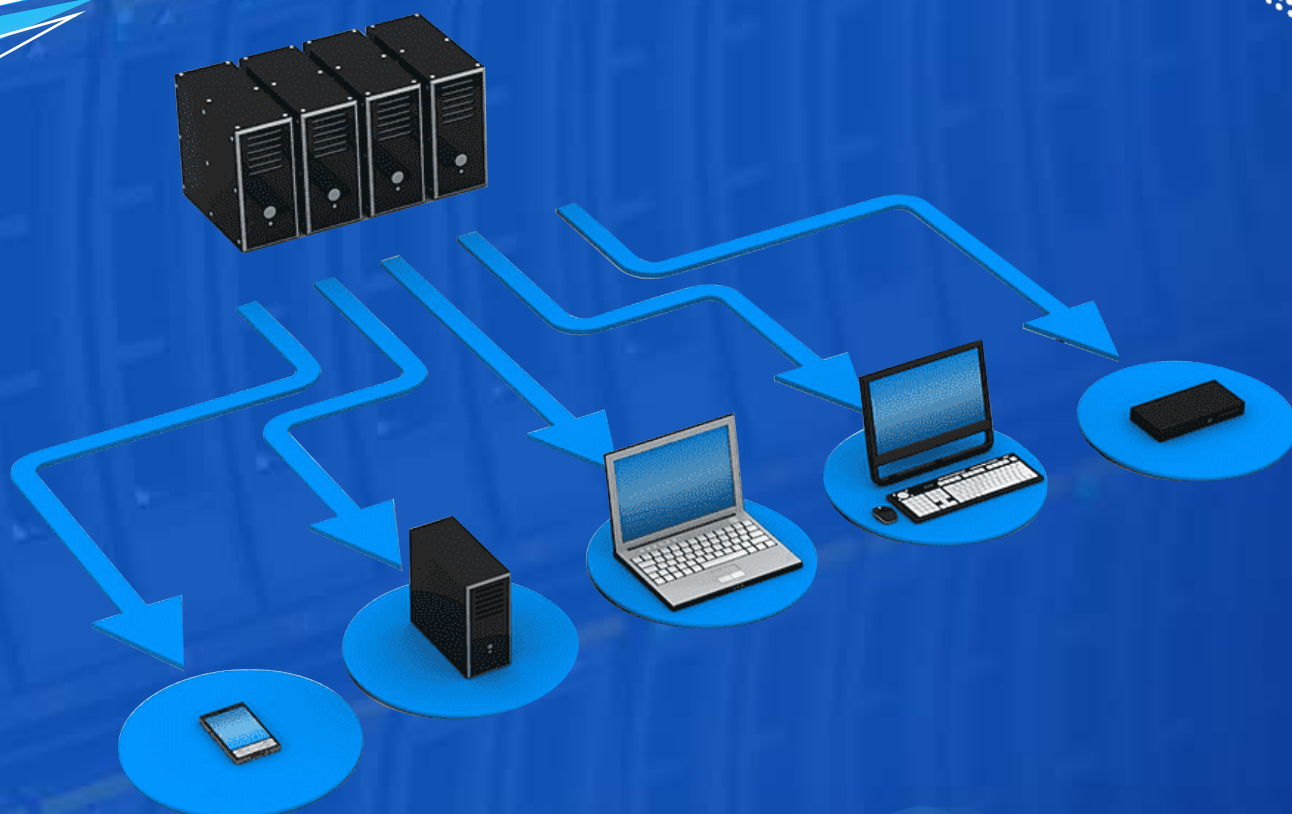
▸ AC Power, 220v 50Hz

▸ 19 Inch Rack mount

# Fault Management System:

▸ Central and remote fault management system

▸ Supports centralized alarm information processing and consolidates repetitive alarm events

▸ Displays alarms information over a network topolgy and supports multiple alarm reporting

▸ Critical, major and minor alarm reporting modes

▸ Network monitoring and diagnostic tools

▸ Displays device status in a graphical topological order

▸ Maintains history of alarms in real time and clearing of alarms individually

▸ NMS has capacity to collect fault and alarm data and map and process the data simultaneously

▸ Supports alarm data in modes of SYSLOG and SNMP to convert alarm information in different data and formats

▸ Single and multi user option  for simultaneous operation

▸ Monitor various devices from a single central console.

# VCL-UNMS

## UNIFIED NETWORK MANAGEMENT

## Configuration and Provisioning Management System:

▸ Graphical User Interface for configuration, provisioning, monitoring and management

▸ Detailed reporting and analytical tools

▸ Easy adoption of new hardware

▸ Encrypted software upgrades

▸ Provides tools to maintain toplogy and provides graphical maps that describes the configurations

▸ Provides tools to change the cofiguration of equipment in case of failure

▸ Monitor and report changes in network inventory

▸ Capable of policy based configuration management

▸ Ability to configure physical and logical connections

▸ Provides provisioning platform to handle end-to-end service provisioning

▸ Maintains  inventory of all installed devices

▸ Provides Backup and Restore features.

## Performance Management System:

▸ System performance monitoring :
  - Network availability
  - CPU usage
  - Bandwidth usage

▸ Alarm and performance reporting from 1 day to 5 years
  (user configurable time duration)

▸ Has multi-tier architeture and also provides details of the system architecture

▸ Provides features to configure frequency of information from NMS

▸ Maintains database for future or other applications

▸ Monitors network performance and report alarms in case of
  threshold crossing

▸ Provides diversified expression mode such as piechart, table, graph,
  heat map etc

▸ Reporting of traffic changes including traffic of entire network,
  traffic of a certain device, link utilization.

# VCL UNIFIED NMS
## Network Management System

Fault
**Management System**

Configuration
**Management System**

Provisioning
**Management System**

Performance
**Management System**

# STORAGE, SAN, NAS, UNMS

‣ Protected and Resilient Data Storage solutions

‣ Data Historian solutions

‣ SAN and NAS solutions

‣ Unified Network Management System (UNMS).

## VCL-UNMS
### UNIFIED NETWORK MANAGEMENT

## Contact Us
For more details, visit us at our Website
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