NMS
Network Management System

With Network Management System you can;

- Interpret the information coming from your Network Equipment
- Associate with the map
- Perform alarm and performance tracking

The relevant details can be managed through the modules of the system

Dashboard Module

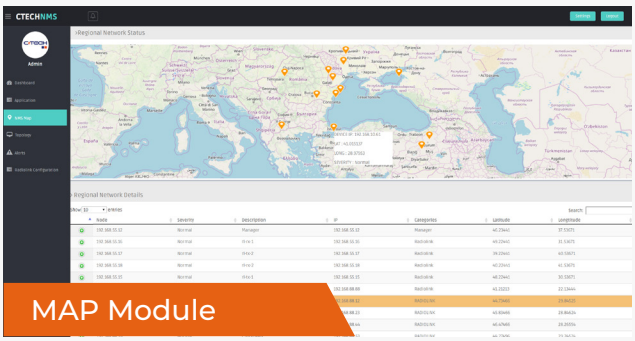
- Interpret data coming from Network Equipment (NE)
- Display NE data on the Dashboard using Chart structures
- Display critical information for NEs (Alarm, Severity, etc)

Discovery Module

- Dynamic and Static identification of the Network Equipment
- Detection of network equipment in existing network structure
- Using LLDP protocol for Discovery
- Support for the 802.1AB standard running @ LLDP layer 2
- Discovering NE using SNMP + LLDP

MAP Module

- Display NEs in map structure
- Association of NEs information with map
- Association of NEs that generate alarms with the map



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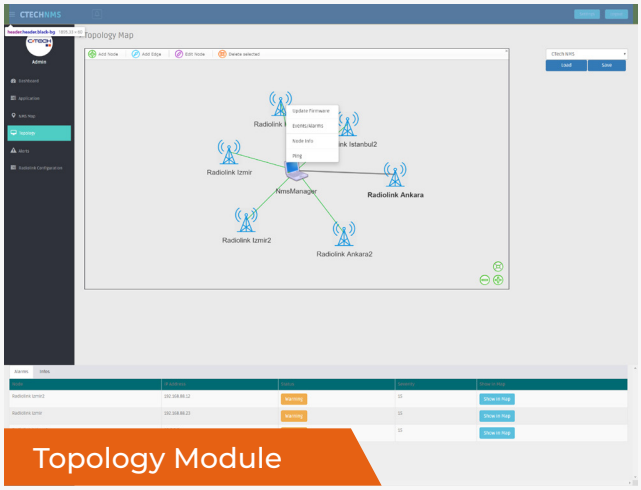

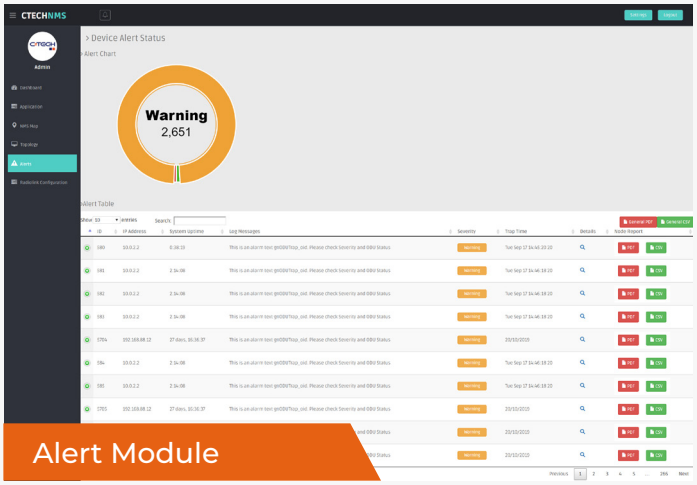

Topology Module

- Showing the relation of Network Equipment (NE) found with Discovery module with topology
- Displaying the NEs discovered with the Topology module
- Adding NE as Dynamic and Static to the topology interface
- Configuring NEs
- Backup and restore operations of NEs
- Firmware update of NEs
- Creating different LAN structures

Alert Module

- Sending Trap (trap, alarm) packets by NEs
- Filtering of Trap messages sent by NEs
- Filtering of NEs according to the Trap alarm level structure
- Reporting NE data and trap data as PDF, CSV

Performans Module

- Monitoring NE performance data
- Monitoring R/L Performance data
- Monitoring KPI values
- Monitoring Ethernet Performance data
- Monitoring Throughput Counters data

Login & Security Management

- Defining user levels and providing authorization
- Using SNMPv3 and AES-256 encryption algorithm structure

Network Management Module

- Network configuration on the modem
- Channel Bonding, QoS, Routing, Virtual Switch, VLAN, VXLAN, VETH, RIP, OSPF V1 / V2 / V3 in accordance with the RFC standard
- Managing and configuring STP, SFTP protocols
- Making NEs act like a router or a gateway

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