

Implementing a single-screen solution with real-time network monitoring capabilities for CESC



Challenges

- Comprehensive visibility of the entire network
- Single-screen, real-time solution for continuous monitoring of all live assets
- Daily configuration backup of all devices
- Customized MIS reports

Why Infraon?

- Reliable end-to-end network monitoring
- Complete integration of network devices by SNMP/WMI
- Single dashboard to view the summary and real-time network device info
- Instant alerts about the status of integrated devices
- Configuration backup as per the scheduled time
- Easily customizable MIS reports

Results

- Easy to implement CAPEX for mitigation of network issues
- Customizable dashboard for visualization of network topology
- Real-time mechanism of sending alerts
- Minimized downtime during fault occurrences

Client Talk

"A very effective monitoring tool that enables centralized management of network equipment, servers, and IP-based devices of various sizes. Because of its wide range of capabilities and customizable dashboards, it performs extremely well and displays data visualization and meaningful reports."

About the client

Founded in 1989, CESC is India's first fully integrated electrical utility company. They have private participation in the generation, transmission, and distribution of electrical power. The client is also the sole distributor of electricity for 3.4 million consumers, which includes domestic, industrial, and commercial users. They continuously strive to provide the best-in-class service to their consumers.



The need

CESC Limited required full visibility of their entire network to track, manage, and optimize the utilization of traffic, alerts and health of all the devices in their network. Importantly, they wanted a single-screen solution that acted in real time. This would enable continuous monitoring of all live assets and generation of alerts in case of non-reachability/high utilization or any other events.

Some of the client's other needs included reliable configuration backup of all the devices on a daily basis and customized MIS reports on asset and uptime inventory.

Solution

EverestIMS recommended and implemented a solution to help CESC to integrate all its network devices by SNMP/WMI. Our single-screen custom solution equipped the client with one dashboard to view the summary and real-time information of all network devices.

The solution provided immediate alerts regarding the difference in the status of integrated devices – minimizing network downtime.

It also ensured the backup of configurations as per the scheduled time –becoming effective during device restoration. Furthermore, its customized MIS reports helped understand the network behaviors at a glance.



Benefits

- Ensuring centralized management and monitoring
- Enabling faster identification of the issues in the network
- Reducing downtime whenever a fault occurs
- Maximizing data with custom visualization

About EverestIMS

EverestIMS Technologies Pvt. Ltd. (Everest) is a leading software company – offering IOTM, AIOps and Telecom OSS solutions. Backed with rich market experience in the I&O, AI, IoT, and digital transformation space, Everest has widespread global footprints through its focused product portfolio. We specialize in providing integrated IT solutions, IT operations, and IT infrastructure to empower corporations, enterprises, and telecoms to deliver future-ready services to end-users.

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