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Hexnode Telecom Expense Management Solution

Enhance data expense management with UEM

Key Takeaways

- Centralized management
- Single console for data usage management
- Data restriction and tracking
- Data expense management
- App management for data usage
- Monitor device compliances
- Network usage policies for Android and iOS devices
- Report generation about managed devices

Telecom Expense Management (TEM) controls and monitors multiple wireless, voice, and data services to comprehend overall telecom expenditures. It is used for corporate customers who make significant telecom service commitments as part of their daily operations.

In business, the TEM process can be challenging as ineffective TEM management may use a significant portion of the company's funds. Hexnode UEM helps telecom management by keeping track of the total and individual app data usage on managed devices. In addition, it alerts end users and IT admins immediately when the pre-set restrictions are exceeded.

What is the need for Telecom expense management (TEM) solutions?

The enterprise's success is directly impacted by the efficiency of any telecom management system. It is because they enable more effective communication, promote workplace flexibility, and help enterprises reach a wider audience. Therefore, companies will need an advanced telecom expense management plan to utilize the resources efficiently.

An organization's main challenges without TEM include predicting future costs, optimizing telecom use and expenditure, decentralized resources and multiple service providers. Data monitoring will provide more information about how end users are using it.

In addition to the expense management aspect, TEM provides visibility into how users use their data for various activities while at work. This permits the employer to limit their use of the corporate network for non-work purposes while at work, thereby enhancing their productivity.

Businesses can utilize Hexnode UEM for managing telecom expenses that provide a console indicating how much data and network usage is being used on a monthly/daily basis. This allows the business to reduce telecom costs while effectively managing total consumption.

Benefits of using Telecom Expense Management

While closely associated with IT, telecom management goes beyond what IT supervises. It focuses more on the day-to-day details of ensuring good communication throughout the business via whatever means the organization permits. The advantages of using telecom expense management in an organization are mentioned below.

Optimizing Budget

- The main benefit of TEM is that it helps in cost management and reduces unnecessary spending.
- Some enterprises are unaware of how much they invest in telecommunications and don't know that there is a better method to conduct business.
- TEM helps in cost savings, focusing on business spending patterns and identifying potential areas for cost savings while retaining the advantages of existing telecom benefits.
- As a result, the enterprise can spend less on pointless procedures and more on jobs and initiatives that encourage company growth.

Maximizing efficiency

- Telecom management is an excellent method to simplify network operations and ensure that enterprise expense is well utilized.
- Through proper management, IT admins can identify weaknesses in the system and provide configurations and policies for the better run of the enterprise.

Improving visibility

- TEM enables firms to find areas for process optimization and better visibility into their operations.
- This may compel the organization to restructure its current system and evaluate whether the telecom management is proper in the short-term and long-term run.
- In addition, this improved visibility may lead to new possibilities and offer suggestions for improving telecom management.

How to manage the telecom expense with Hexnode?

The expense management strategy of your company might suffer significantly from uncontrolled data consumption. Using Hexnode telecom expense management, the company can control how its employees use company data and networks, thereby offering transparency and control over an enterprise's expenses.

The key features of Hexnode in this domain are mentioned below:

Manage cost and setup plans:

- Enhanced telecom management helps to track and control costs associated with company-owned devices.
- Hexnode provides features of telecom management for both Android and iOS devices. It helps the enterprise fully automate the monitoring and management of mobile expenses.

Data tracking

- Through this, the organization can configure data usage and limit the use of devices on a particular network or turn off network access based on data use.
- In addition, the IT admin should enable data usage tracking via the Hexnode portal to measure data use on specific devices or device groups.
- Depending on the setup configured, the user, the admin, or both the user and the admin will be alerted when the data use exceeds the clearly stated threshold.

Data restrictions

- It applies network type, time frame, and data use metrics limits to devices that violate business regulations.
- Once the predetermined data use level has been reached, the device may only be allowed access to Wi-Fi or mobile data or entirely blocked from all networks based on the policy applied.
- In addition, data limitations can be configured to track a device or group of devices' daily and monthly data use.

App management

- Apps that consume a lot of data should be controlled or disabled.
- Using Hexnode, unnecessary apps for work can either be removed from the device, blacklisted, or prevented from accessing the corporate network.
- IT admins can also configure app-level alerts for the admin, the user, or both, depending on whether the application exceeds the admin-set data usage limits.
- They can determine which apps are data hogs by configuring usage restrictions for individual apps.

Report generation

- The organization will be informed with regular compliance checks and reports with the periodic report generated based on device groups or single devices.
- These reports based on device data usage patterns will be further used for data management strategies.
- Reports help to guarantee that the device(s) or device group(s) are still in line with the corporate data usage policies.

Connectivity

- Devices can either be blocked from using mobile data or Wi-Fi altogether.
- The mobile device's call and texting capabilities might also be limited to reduce unnecessary costs.
- Disabling device features like Wi-Fi tethering, data roaming, and application auto-sync can cut costs efficiently for an organization.

Network usage policies of Hexnode UEM

The cost of unmanaged data can significantly increase the business's expenditures. The network data usage management from Hexnode UEM makes it simple to implement telecom expense control in the enterprise.

TEM for Android devices

- The "Network Data Usage Management" feature of Hexnode UEM for Android devices enables IT admins to monitor and remotely control mobile data usage on Android devices.
- The VPN service must be activated for Hexnode to impose data usage and network limitations.
- Admins can monitor the specific mobile data, Wi-Fi data, and overall data usage of each device, as well as the data consumption information for each application when Network Data Usage Management is enabled on the device.
- The main options provided under the Network Data Usage Management features are app-wise restrictions, data usage tracking, data usage notifications and restrictions, and network restrictions.
- Hexnode UEM can also be set up to email admins and employees alert notices when mobile data use exceeds the predetermined threshold.
- Android 6.0+ and Android TV 6.0+ supports this feature of Hexnode.

TEM for iOS devices

- Hexnode UEM provides two major expense management features for iOS devices. They are network usage rules and network data usage management.
- It enables the admin to create rules for various apps as necessary.

- Through this, IT admins can block cellular per-app data usage, block per-app data usage on roaming and perform data tracking and reporting.
- Network usage rules for iOS devices enable monitoring cellular or roaming data usage.
- This feature allows admins to keep track of any unnecessary data expenses made by the organization.
- The network data usage management feature provides a "Forced Data Usage Sync" option, ensuring that the data usage is recorded regularly.
- This feature allows admins to set the monthly, weekly or daily data usage cycle.
- Apart from these options, Hexnode also provides usage cycle reset time, forced sync interval and more.

Report Generation with Hexnode UEM

The IT admins can create data management reports with the help of the Hexnode UEM console, which may help manage devices. The UEM console has three different report kinds available. They are:

Devices report

- It provides a network data usage summary of devices with which the network data usage management policy is associated.

Device groups report

- It provides network data usage of device groups. The report includes the group name, device type, total data utilized (including Wi-Fi and mobile data), and modified time.

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Apps report

- It provides app-wise network usage of devices. The sections in this report include the App name, Device name, Wi-Fi or mobile data, Total data, and Time modified.

Apart from these data management reports, Hexnode provides a device, user, compliance, location, application, and audit reports. All these reports can be generated at any time or even at the scheduled time in the form of PDF or CSV files.

Additional features of Hexnode UEM

The other main features of Hexnode that help in restricting telecom usage are:

- ***Disabling tethering and the Wi-Fi hotspot option*** provided for Android devices under the restrictions policy enable admins to control USB and Bluetooth tethering.

- ***Web content filtering*** features for Android and iOS devices allow IT admins to save network bandwidth by restricting access to some websites.

- ***Blacklisting and whitelisting apps*** also help control an enterprise's network bandwidth. The Blacklist option prevents users from using any apps placed on the list by IT admins. On the other hand, the whitelist option forbids users from using any applications other than those included.