

How Juniper Mist Wi-Fi Solutions Enhanced Connectivity for Mahindra & Mahindra



Mahindra & Mahindra, a major player in the automotive industry, faced significant challenges with their existing Cisco Wi-Fi network. Datacipher provided a comprehensive solution using Juniper Mist Wi-Fi solutions, dramatically improving network performance and user experience.

Challenge

Growing Connectivity Issues

Mahindra & Mahindra's existing Cisco Wi-Fi network was unable to keep up with the growing number of connected devices and increasing bandwidth demands, leading to frequent connectivity issues and poor user experience. These issues had been affecting productivity and customer satisfaction for over a year.

SOLUTION

Juniper Mist Wi-Fi Solutions with AI-Driven Automation and Analytics

Datacipher implemented Juniper Mist Wi-Fi solutions to address the network challenges faced by Mahindra & Mahindra. The solution featured enhanced performance, AI-driven network optimization, simplified management, and seamless scalability.

Implementation Process

- **Assessment:** Conducted a thorough assessment of the existing Cisco Wi-Fi network.
- **Migration Plan:** Developed a detailed migration plan.
- **Deployment:** Deployed Juniper Mist APs and associated infrastructure.
- **Migration:** Migrated network configurations and user settings.
- **Testing and Validation:** Performed testing and validation to ensure smooth operation.

Challenges and Overcoming Them

- **Minimizing Downtime:** Ensured minimal downtime during the transition by executing the migration in phases and during off-peak hours.
- **Compatibility Issues:** Managed compatibility issues by using dual-stack configurations temporarily to support both Cisco and Juniper devices during the transition.

OUTCOME

Improved Network Performance and User Experience

Immediate Changes/Benefits:

- **Enhanced Performance:** Significant improvement in network performance and increased reliability.
- **User Experience:** Enhanced user experience due to improved connectivity and reduced issues.

Integration with Existing Systems: The new Juniper Mist Wi-Fi network integrated smoothly with Mahindra & Mahindra's existing IT infrastructure, including their network management systems and security protocols.

Impact Metrics:

- **Wi-Fi Connectivity Issues:** Reduced by 80%.
- **Average Throughput:** Improved by 30%.
- **Support Tickets:** Decreased by 70% in relation to Wi-Fi issues.

Client Satisfaction and Future Plans Mahindra & Mahindra expressed high satisfaction with the results and plans to extend the Juniper Mist Wi-Fi network to other locations. They are also exploring additional Juniper solutions to further enhance their network infrastructure.

Conclusion

Mahindra & Mahindra faced significant connectivity issues with their existing Cisco Wi-Fi network, affecting productivity and customer satisfaction. By implementing Juniper Mist Wi-Fi solutions with AI-driven automation and analytics, Datacipher provided a solution that dramatically improved network performance and user experience.

For further guidance and customized network solutions, reach out to Datacipher. Our experts are equipped to help you enhance your network infrastructure, ensuring optimal performance and customer satisfaction.

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