

Modernizing Telecom Infrastructure: A Transformation Journey with Mitel



Client: Mitel

Industry: Telecom

Project Duration: 84 months

Number of Resources: 110-150

Mitel, a leading player in the telecom industry, embarked on a transformative journey to address legacy infrastructure limitations, bolster cybersecurity defenses, and optimize data center management. By adopting

innovative technologies and best practices, Mitel aims to emerge as a frontrunner in the rapidly evolving digital landscape.

Challenges:

Telecom industries in the USA face numerous challenges in today's rapidly evolving digital landscape. Some of the major challenges include:

- **Legacy Infrastructure:** Legacy networks pose limitations in terms of scalability, agility, and efficiency, hindering the ability to meet modern communication demands.
- **Cybersecurity Threats:** With the increasing frequency and sophistication of cyber attacks, telecom companies must prioritize cybersecurity to safeguard sensitive data and maintain trust with customers.
- **Data Center Management:** Managing multiple data centers across various geographical locations adds complexity to operations, requiring robust management solutions to ensure optimal performance and reliability.

Solution:

Mitel is embarking on a transformative journey to address these challenges and emerge as a leader in the telecom industry. The following solutions are being implemented:

- **Infrastructure Modernization:** Mitel is migrating from legacy networks to modern infrastructure, leveraging advanced technologies to enhance scalability, agility, and performance. This includes transitioning to cloud-based solutions and adopting software-defined networking (SDN) principles.
- **Cybersecurity Focus:** Mitel is adopting cybersecurity approaches as avenues of differentiation to capture more enterprise market value. By taking a proactive approach to cybersecurity, Mitel is implementing robust security measures, including encryption, intrusion detection systems, and regular security audits, to protect against cyber threats and ensure data integrity.
- **Data Center Management:** Mitel is optimizing data center management across its five data centers in multiple geographic locations. Through centralized monitoring and management tools, automation, and advanced analytics, Mitel ensures efficient operations, high availability, and seamless scalability to meet growing demands.

Top Skills and Technologies:

- 5G Technology
- Cloud Computing
- Software-Defined Networking (SDN)
- Internet of Things (IoT)
- Cybersecurity Measures
- Big Data Analytics
- Artificial Intelligence (AI) and Machine Learning (ML)
- Network Function Virtualization (NFV)
- Edge Computing
- DevOps Practices