

Brihaspathi Technologies Announces the Successful Roll Out of their **Wi-Fi IP CCTV Surveillance** Systems During **MLC Elections** Held in 12 Different Districts of Andhra Pradesh and Telangana, Hyderabad



About the Project:

The Member of Legislative Council (MLC) Elections in Andhra Pradesh and Telangana, represent a critical democratic process aimed at electing members to the Legislative Council. These elections are pivotal in shaping the legislative landscape, providing a platform for citizens to participate in the democratic governance of the state

Project Overview:

Brihaspathi Technologies played a pivotal role in ensuring the success of the MLC Elections in Andhra Pradesh and Telangana by implementing a robust surveillance system across 12 districts i.e., Kurnool, Kadapa, Nandyal, Anantapur, Puttaparthi, Annamayya, Chittoor, Vishakapatnam, Vizianagaram, Anakapalle, Srikakulam, and Manyam. The project involved a phased approach, from technical demonstration to site survey, installation, and ultimately handover.

Phase 1 – Technical Demonstration Qualified Technically:

The project commenced with a detailed technical demonstration to showcase the capabilities of the proposed surveillance system. Brihaspathi Technologies demonstrated the advanced features of the surveillance technology that would be deployed for monitoring the MLC Elections. This phase aimed to gain the technical approval required for the project.

Phase 2 – Entire Site Survey and Analysis:

A comprehensive site survey and analysis were conducted across the 12 districts where elections were scheduled. This involved an in-depth examination of each polling station's site conditions to determine the optimal placement of Wi-Fi IP CCTV cameras. Brihaspathi Technologies focused on providing the best solutions required to the specific needs of each location.

Phase 3 – Supply, Installation, Commissioning, Testing, and Handover:

Brihaspathi Technologies meticulously provided and installed the required equipment, comprising Wi-Fi IP CCTV cameras, memory cards, and additional hardware, ensuring quality and compatibility. A team of skilled technicians conducted the commissioning, configuring each camera and establishing network connections for optimal system integration. Rigorous testing protocols were employed to assess accuracy, reliability, and real-time functionalities, guaranteeing the robustness of the surveillance system. Finally, with successful testing and commissioning, Brihaspathi Technologies officially handed over the completed project to the election authorities with documentation.

Project Objectives:

The main objective was aimed to elevate the efficiency, transparency, and security of the MLC Elections in Andhra Pradesh and Telangana, Hyderabad, in 2023. The comprehensive approach sought to address not only the technical aspects of connectivity and surveillance but also the broader goals of fostering a secure and transparent democratic process.

1. Increase Connectivity Coverage:

The primary objective was to enhance connectivity coverage across the 12 districts where the MLC Elections were scheduled. This involved implementing a robust network infrastructure to ensure seamless communication and data transmission at 1450 polling stations.

2. Capture Entire Election and Live-streaming Process:

The project aimed to deploy an advanced surveillance system to capture the entire election process across the 12 districts. Additionally, live streaming capabilities were integrated to provide real-time visibility into the polling proceedings. This objective was geared towards promoting transparency and accountability in the selected process.



3. Ensure Security During the Election for a Safer Environment:

The project prioritized the safety and security of the election process by implementing surveillance solutions. The objective was to create a secure environment both inside and outside the premises of the 1450 polling stations spread across the 12 districts. This included monitoring public areas, entrances, and key points to prevent any untoward incidents during the election.

Solutions Implemented:

The solutions provided by Brihaspathi Technologies collectively addressed the project's objectives. The integrated approach of camera installation, live streaming, and memory card provision showcased Brihaspathi Technologies' commitment to delivering a technologically advanced and secure electoral monitoring system for the 12 districts in Andhra Pradesh and Telangana, Hyderabad.



1. Installation of IP Dome and Bullet Cameras:

In response to the objective of capturing the entire election process, Brihaspathi Technologies installed a total of 1450 Wi-Fi IP CCTV cameras. These cameras were strategically placed across the 1450 polling stations in the 12 districts. The deployment of Wi-Fi IP cameras ensured comprehensive coverage, capturing diverse angles and perspectives.

2. Implementation of Live Streaming:

To provide real-time monitoring of the polling process, Brihaspathi Technologies facilitated live streaming in every district headquarters. This solution allowed election officials and relevant authorities to observe and oversee the polling activities simultaneously at various locations. Live streaming contributed to transparency and effective management of the electoral process.

3. Provision of Memory Cards for Recording:

Recognizing the importance of maintaining a record of the entire polling process, Brihaspathi Technologies equipped each individual camera with memory cards. This provision ensured that a detailed and accurate record of the election proceedings was stored for future reference and auditing purposes. The use of memory cards added an extra layer of accountability and documentation to the surveillance system.

Challenges Faced During MLC Elections, Andhra Pradesh and Telangana, Hyderabad, 2023:

The challenges faced during the implementation of the MLC Elections Surveillance Project in Andhra Pradesh and Telangana, Hyderabad, 2023, included:

1. Network Feasibility in Remote Areas:

Challenge: Given that many polling stations were situated in extremely remote rural areas, determining network feasibility posed a significant challenge. The varying topography and limited existing infrastructure in these locations necessitated a detailed assessment.

2. Manpower Constraints:

Challenge: Manpower emerged as a substantial challenge for a project of this scale. The need for skilled individuals to handle the installation, maintenance, and monitoring of the extensive surveillance system required careful consideration.

Implemented Solutions:

Brihaspathi Technologies innovative solutions not only addressed specific challenges but also contributed to the overall success and efficiency of the MLC Elections surveillance project in Andhra Pradesh and Telangana, Hyderabad, in 2023. The commitment to accuracy in live streaming and the innovative recruitment and training approach reflected Brihaspathi Technologies' dedication to delivering high-quality and technologically solutions.

1. Achieving 100% Accuracy in Live Streaming:

Brihaspathi Technologies responded to this challenge by conducting thorough surveys. The surveys were instrumental in understanding the unique network requirements of each remote polling station. Brihaspathi Technologies ensured the successful live streaming of the polling process on election day with a commitment to achieving 100% accuracy. This involved the seamless transmission of real-time video feeds from the 1450 polling stations across the 12 districts.

2. Innovative Manpower Recruitment and Training:

To overcome the manpower challenge, Brihaspathi Technologies adopted a strategic approach. The company engaged with Engineering Colleges to recruit individuals who were then systematically trained to meet the project's specific requirements. By leveraging this approach, the team successfully addressed the shortage of skilled personnel and ensured that the project was executed efficiently and on schedule.

Project Outcome:

The successful rollout of Brihaspathi Technologies' Wi-Fi IP CCTV cameras Surveillance Systems yielded commendable outcomes. Enhanced connectivity, real-time monitoring, and meticulous record-keeping during the MLC Elections contributed to the overall success of the project. The company's innovative approaches in addressing challenges underscored its commitment to delivering effective solutions.

