

FRANKLIN VILLAGE PARK

Franklin Community Association (FCA) of Franklin Village is a community organization focused on promoting a feeling of harmony and connectivity among Franklin residents. FCA's mission is to enrich the quality of life for Franklin inhabitants by establishing connections within the community, including parks and recreational activities, social events, and gatherings. The extended network coverage and connectivity are essential for FCA to facilitate communication, information sharing, and operational efficiency during community events and activities held at various locations within Franklin Village.

CHALLENGES

- Lack of network coverage hinders outdoor activities by limiting event management, live updates, and participant interaction at sports events, community walks, and fitness classes.
- Insufficient connectivity hampers local businesses in providing Wi-Fi access, participating in community events, and impeding economic development and community engagement.
- Limited network coverage obstructs the dissemination of community-related information, resources, and announcements.



SOLUTIONS

CONCLUSION

- Improvements in coverage, connectivity, and accessibility across key areas within the community.
- Through meticulous planning and proficient execution, Black Rock Technologies delivered tailored solutions to address the community's specific connectivity needs, showcasing their dedication to empowering the Franklin Community Association with a reliable network infrastructure.

SAVINGS

- By embracing the innovative and tailor-made solutions offered by Black Rock Tech—crafted with a deep understanding of the Association's unique needs—thousands of dollars were saved, showcasing Black Rock Tech's dedication to seeing through the lens of their customer. This strategic partnership not only resulted in substantial cost savings but also underscored Black Rock Tech's position as a creative problem-solver.

Hardware Identification and Acquisition

Black Rock Technologies assessed, procured, and ensured the compatibility and quality of the necessary hardware for updating the network infrastructure and extending coverage to the park Gazebo and beyond, ensuring a smooth deployment process.

Installation of Updated Network Controller and Associated Wi-Fi Network Hardware:

The network settings and configurations at the FCA were adjusted to meet specifications, firmware updates were implemented ensuring the latest software version was running. A point-to-point wireless system extended the internet connection to the gazebo and the village park, while a wireless access point was added for improved coverage at the Franklin Community Kreger House. Additionally, a lockable NEMA Steel Enclosure with a managed PoE switch was installed at the FCA Gazebo.

Running of all Necessary Cables:

Essential cables for the network controller were planned, routed, and installed following industry standards and best practices. Ethernet and power cables were run to connect wireless bridges and access points, with precise labeling and organization. Cable connections were thoroughly tested to ensure reliable connectivity and system functionality.

Project Management and Documentation:

A dedicated project manager was assigned to oversee all aspects of the project, guaranteeing efficient coordination. Regular progress updates and open communication were maintained with the Franklin Community Association, fostering transparency. The project was completed within the agreed timeframe and budget, ensuring its successful execution.