

Hawk Networks Transforms Wireless Connectivity at Casa View Apartments with CBRS Private LTE and Innovative Billing

Industry
Housing

Location
Texas, USA

Partner
Hawk Networks & BLiNQ Networks

End User
Casa View Apartments

Reference

Overview

Traditional internet service providers often struggle to offer affordable solutions that meet multi-dwelling unit (MDU) residents' unique needs. The result is frequently a connectivity desert that exacerbates existing socioeconomic inequalities and limits opportunities for personal and community growth. Hawk Networks addressed this challenge by implementing an innovative solution at Casa View Apartments, leveraging its innovative technology with the Citizens Broadband Radio Service (CBRS) spectrum to provide reliable cellular connectivity throughout the property.



Challenges

Casa View Apartments presented several unique challenges. The property owner was dissatisfied with the existing infrastructure and hesitant to permit another large-scale deployment, necessitating a solution that could work within the existing setup. Additionally, the area's frequent blackouts added a layer of complexity. The existing cable provider's network was in disrepair and unaffordable for many residents. This situation exemplified the digital divide, with many residents lacking reliable and accessible internet services.



The challenge was to implement a solution that would:




- Provide reliable and high-quality internet access
- Eliminate the need for long-term contracts
- Offer an affordable option using flexible payment technology
- Adapt to power grid instabilities and infrastructure limitations
- Ensure immediate connectivity for new residents

Solution & Benefits

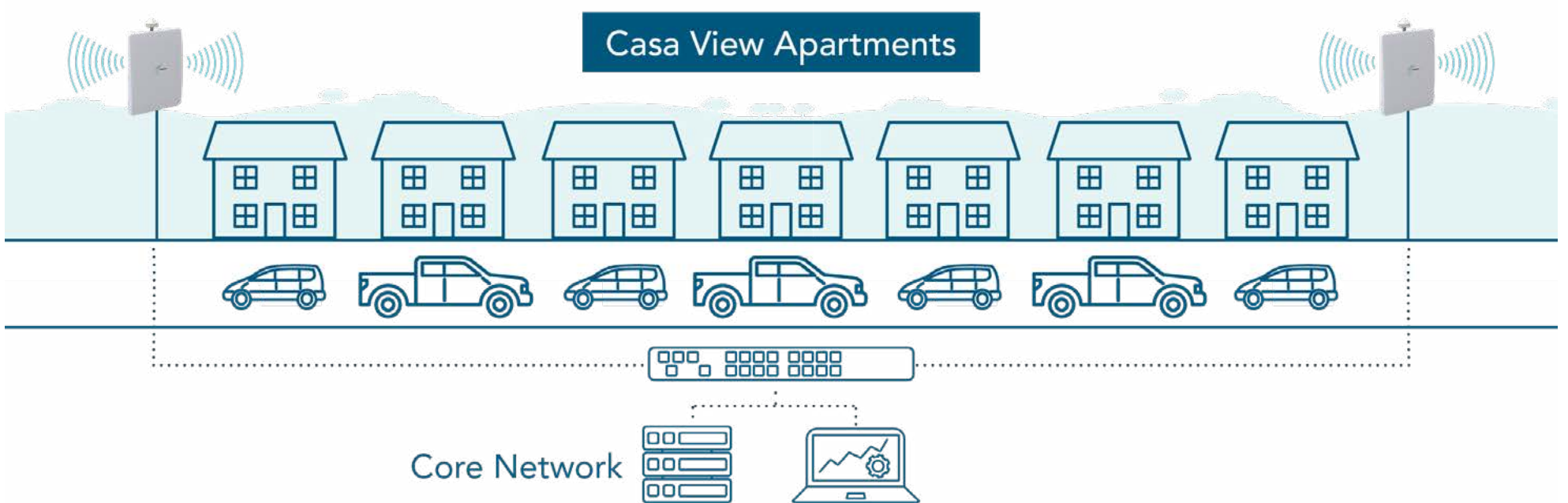
Hawk Networks implemented a CBRS Private LTE solution that includes:

- Airspan ENodeBs and BLiNQ Customer Premise Equipment (CPE) for strong signal coverage and easy installation.
- Althea Protocol for a flexible, blockchain-based billing system.
- Stripe integration to facilitate easy payments
- Battery backup solutions to address reliability issues.

The benefits of Casa View Apartment after implementing the upgrade project include:

-  More accessible service
-  Flexible rollover billing
-  No waiting for equipment installation or transfer

Airspan CBRS LTE Private Network



Laying the Foundation
for 5G Software and
Hardware

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