

Residential Wireless Internet and Phone services

A Property Developer in Costa Blanca, Spain needed to provide telephony and other communication services to a new residential development.

Like many urban areas, rural communities and entire regions in the country, broadband communication was not available. Without internet or adequate phone services the company faced high costs and slow internet access from mobile phones. With long delays before a broadband communications infrastructure could be put in place by traditional telecom service providers, the developer risked losing property sales.



The Company required a low cost broadband internet and phone service quickly. They also wanted the ability to scale the solution to provide a phone and internet service for the entire community upon completion of the construction project.

After a full site survey Wireless communications specialist Briteyellow (www.briteyellow.com) a UK leader in designing, implementing, and managing metropolitan Wi-Fi broadband networks deployed an integrated Satellite and wireless 'WiFi' broadband network across the entire site. Unlike traditional V-Sat solutions that are expensive to distribute, or wireless access points that offer limited coverage within predefined hot spots, or single radio/single RF mesh solutions that won't scale, Briteyellow implemented a structured high performance wireless 'mesh' which enabled seamless uninterrupted wire-free internet 'roaming' for all connected users **over the whole area.**

The wireless broadband service was operational within weeks. It enabled desktop PC and laptop use, voice-over-IP (VoIP) calls from wireless smartphones, and digital cordless phones. As the construction neared completion the network was expanded by simply deploying additional wireless 'nodes' to provide broadband internet and telephony service to each property on the development.

The Briteyellow solution provided an intelligent, scalable, secure and unrivaled communications solution for each property. It also provided a platform for low cost wireless video surveillance solution using IP cameras. Building engineers working on site were able to remain connected with the network anywhere around the site and remotely.

Briteyellow's Wireless Infrastructure was installed for a fraction of the cost of more traditional high speed internet access options, and in far less time. The solution enabled the Company to minimize capital, deployment, and operational expenses for their communications. They were also able to increase revenues from providing Internet access to residents and visitors, and making it mobile.

All the necessary hardware, computer systems and antennas were installed enabling the developer to focus on completing the project on time. As part of the solution Briteyellow logs all traffic, transactions and events and at the end of the agreed billing period provides a revenue reconciliation statement for the Company showing internet and telephony earnings from services to residents in their community.

Following the successful deployment, Briteyellow is exploring opportunities to expand its high-performance Wi-Fi network and wireless Internet phone coverage to other towns and cities across the UK, Middle East, and Africa.

About Briteyellow

Briteyellow is a specialist wireless systems integrator. The company offers next generation wireless broadband, internet phone, and real-time location-based information services for government, enterprise and service providers across EMEA. Britezone is a registered trademark of Briteyellow Ltd. The Briteyellow logo, trade names, and brands are the property of Briteyellow Ltd. For more information visit www.briteyellow.com.

