

**SOLUTION BRIEF**

# Fortinet and Kiwire Security Solution

## New Generation Captive Portal with Integrated Security

### Executive Summary

Fortinet and Kiwire have collaborated to offer a cloud-based solution that turns your business space into an intelligent one. Kiwire's Guest Wi-Fi solution provides advanced captive portal functionality, with built-in analytics and campaign marketing. It integrates with the Fortinet FortiGate Next-Generation Firewall (NGFW) for comprehensive security protection, overlaying your existing Wi-Fi infrastructure, eliminating the need for extra hardware, and ensuring a quick setup.

### The Challenges

In this digital age, customers expect seamless and convenient connectivity when visiting businesses like cafes, hotels, and retail stores. However, ensuring secure and reliable Wi-Fi can be complex, with technical requirements and security risks to navigate. Additionally, businesses aim to better understand their customers and provide personalized experiences by analyzing customer data. Traditional methods of data collection are time-consuming and yield limited insights.

To address these challenges, the Kiwire platform integrates with the Fortinet FortiGate NGFW for comprehensive security and offers a customizable guest portal for secure Wi-Fi access. It includes proximity marketing and targeted advertising features, allowing businesses to engage with customers in real time and deliver personalized promotions. The platform's analytics applications provide valuable insights into customer behavior, facilitating data-driven decisions and improved marketing strategies.

### Joint Solution

Today, customers strongly expect free and secure Wi-Fi services in various venues. By leveraging Wi-Fi to your advantage, your business can meet customer expectations and derive marketing value from it. In this regard, the partnership between Fortinet and Kiwire brings forth a robust and secure cloud-based solution that transforms your physical space into an intelligent environment, enabling you to maximize the potential of your Wi-Fi infrastructure.

Moreover, the Kiwire solution goes beyond portal access by providing features such as social login, marketing campaigns, and Wi-Fi analytics. This comprehensive solution enables businesses to leverage valuable insights and maximize their engagement with guests.

### Solution Components

- Fortinet FortiGate Next-Generation Firewall
- Kiwire Guest Wi-Fi Solution

### Solution Benefits

- Enhances businesses' Wi-Fi infrastructure without requiring additional hardware, enabling a fast and hassle-free setup process
- Enables businesses to personalize messages and ads for guests through proximity marketing, improving marketing effectiveness and customer engagement
- Secures user authentication and network access protocols to help protect businesses' networks and data, preventing unauthorized access
- Comprehensive security protection using the industry-leading FortiGate NGFW and the Fortinet Security Fabric



## Solution Components

Kiwire offers a robust Wi-Fi management and analytics solution for businesses. It provides a seamless guest Wi-Fi experience with a diverse range of login options, including integration with popular social networks like Facebook, WeChat, TikTok, Kakaotalk, and LinkedIn. Additionally, Kiwire's Wi-Fi analytics tool collects and analyzes data on customer behavior and network usage, enabling businesses to gain valuable insights and optimize their services and marketing campaigns. The platform also captures customer data, such as demographics and preferences, to inform targeted marketing strategies, enhancing customer engagement and facilitating data-driven decision-making.

The integration with Fortinet FortiGate NGFWs delivers comprehensive security protection. FortiGate NGFWs provide industry-leading threat protection and decryption at scale with a custom ASIC architecture. They deliver secure networking with integrated features such as SD-WAN, switching and wireless, and 5G. Converge your security and networking point solutions into a simple-to-use, centralized management console powered by a single operating system, FortiOS, and simplify IT management.

## Solution Integration

Kiwire offers a robust platform for businesses to deliver seamless guest Wi-Fi and network access. By leveraging a customizable splash portal, advanced proximity marketing, targeted advertising, and comprehensive analytics applications, Kiwire provides customers an exceptional Wi-Fi and network experience. Integrating the Fortinet FortiGate NGFW and wireless platform enhances connectivity and enables businesses to elevate customer satisfaction to new heights.

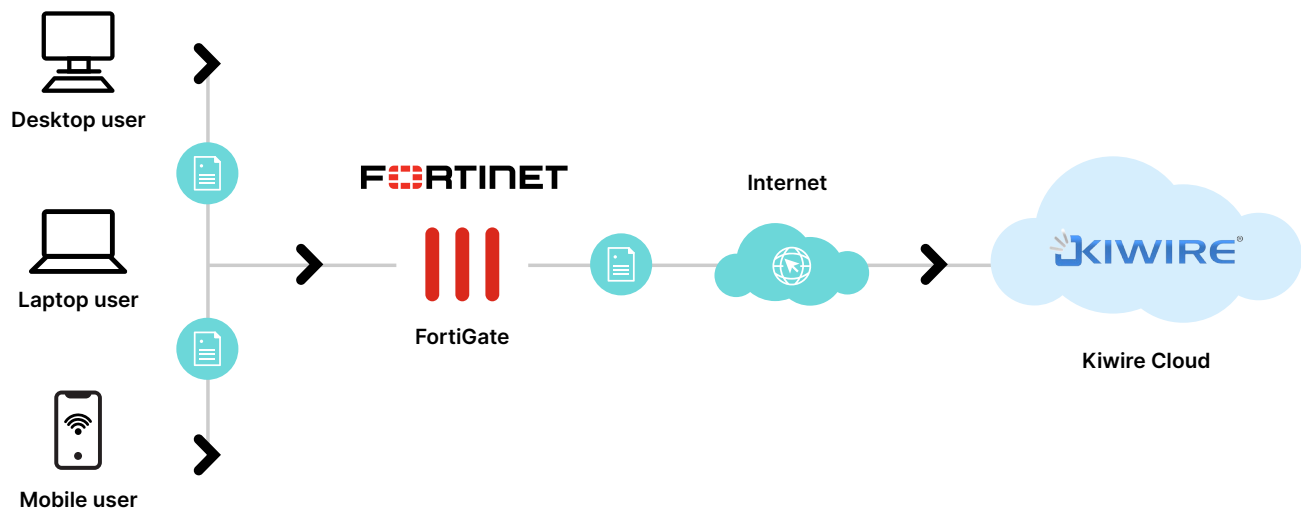


Figure 1: FortiGate configuration for Kiwire hotspot

## Use Cases

### Use Case #1: Guest Wi-Fi Data Capture

Kiwire collects customer data during guest Wi-Fi login, using options such as social login and forms. This data aids customer profiling, targeted marketing, and personalized communication, enhancing the customer experience and driving growth.

### Use Case #2: Seamless and Secure Wi-Fi Login Experience

When users connect to Kiwire Wi-Fi, their devices detect a custom splash page with branding, promotions, terms, and login options, simplifying the process for easy and secure network access and ensuring user-friendliness and efficiency. Comprehensive security is provided by the integration with the FortiGate NGFW.

## About Synchronweb

Synchronweb Technology (M) Sdn. Bhd. is a pioneering technology company with a focus on enhancing data collection processes for businesses. Established in 1999 and officially incorporated in 2001, Synchronweb is headquartered in Malaysia but extends its wireless network expertise globally through partnerships with neighboring countries like Singapore, Thailand, Indonesia, Vietnam, Brunei, and Cambodia. Furthermore, it serves clients worldwide, including in countries such as Spain, Ecuador, Pakistan, India, New Zealand, and beyond. For more information, visit [Synchronweb](https://www.synchronweb.com).



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