

Fusion Bridge creates new opportunities for connectivity, efficiency, security, and asset management.

About Fusion Bridge

Fusion Bridge is your operations game-changer. It's a dual-radio WiFi Bridge that adds seamless WiFi access point connectivity to remote 900MHz networks. Fusion Bridge lets you connect multiple wireless devices and sensors in the field and create new opportunities for connectivity, efficiency, and asset management.

Compatible with the FreeWave Edge platform, Fusion Bridge can address your connectivity issues into the future. Coming soon: the Fusion platform roadmap expansion, including BLE, Cellular, Lora, and Satellite.

With Fusion Bridge, You Can:

- **Securely connect remote and mobile assets for instant data access** — Connect new and existing 900MHz networks up to 60 miles line-of-sight for a seamless connection between your WiFi-enabled smart devices and headquarters.
- **Liberate yourself from wasted time and headaches** — Fusion Bridge is easy-to-install because of its plug-and-play integration. Get up and running without hard-wiring and communicate with devices in the field in real-time at a fraction of the cost of a cellular solution and on-site routers.
- **Protect on-site assets and eliminate security risks** — Fusion Bridge makes it easy to install and integrate off-the-shelf wireless security equipment like motion detectors and streaming video for sites needing 24/7/365 surveillance.

Challenges:

FreeWave understands that many businesses need seamless connectivity in the field for timely data collection. We also understand the importance of monitoring and protecting remote mobile assets and people.

With Fusion Bridge, you can expand WiFi connectivity in the field to provide on-site workers in remote areas with a safe and secure method to connect their mobile or tablet devices and applications with the home office. You can also keep your assets safe.

Fusion Bridge helps technicians connect any WiFi device to the Network via a ZumLink network, including tablets, smartphones, and cameras.

Compatible with FreeWave Edge platform, Fusion Bridge will extend the life of your network connectivity needs. Coming Soon: Fusion Platform roadmap expanding to BLE, Cellular, Lora and Satellite.

FreeWave Fusion Bridge Solution Results

Precision Agriculture

A farmer needed to oversee his fleet and monitor staff and equipment health at long-range.

But without reliable WiFi connectivity in the field, connecting modern wireless devices was impossible.

The farmer's challenges became catastrophic when an unconnected asset received an urgent work order change he couldn't access in time.

If the farmer had Fusion Bridge, he'd have real-time visibility into asset status with installed equipment sensors and a WiFi-enabled tablet in his truck cab to address issues in the field.

FusionBridge lets farmers bring much-needed WiFi to remote 900MHZ networks, ensuring seamless and reliable network connectivity to critical on-site assets to improve operational efficiency and optimize labor and asset management.

Oil and Gas

An on-site technician at a remote well pad couldn't access the internal network at HQ.

With Fusion Bridge, the technician could perform any action on-site, as he would in any location with reliable Internet.

Fusion Bridge connects to an existing ZumLink network providing a WiFi access point as an interface to activate APs without patching into well pad power.

FreeWave Fusion Bridge lets on-site technicians access data in the field and helps businesses avoid a cellular solution's recurring costs. Fusion Bridge also eliminates the potential security risks associated with on-site routers.