

Network Integration Platform for Smart Home Connectivity

A California-based home connectivity provider specializing in Wi-Fi optimization and smart device setup needed a way to manage growing demand. As homes became more connected and complex, traditional installation methods could no longer keep up with customer expectations for speed, coverage, and reliability. The company set out to create a scalable system that could connect homes, devices, and people through intelligent orchestration.



Reimagining Connectivity for the Smart Home Era

With every new mesh router, security camera, and voice assistant, installation became increasingly complex. Technicians faced challenges ensuring consistent coverage, monitoring signal performance, and integrating different device brands. Leadership needed a platform that could automate configuration, enhance visibility, and standardize service delivery across expanding territories.

Building a Unified Integration Ecosystem

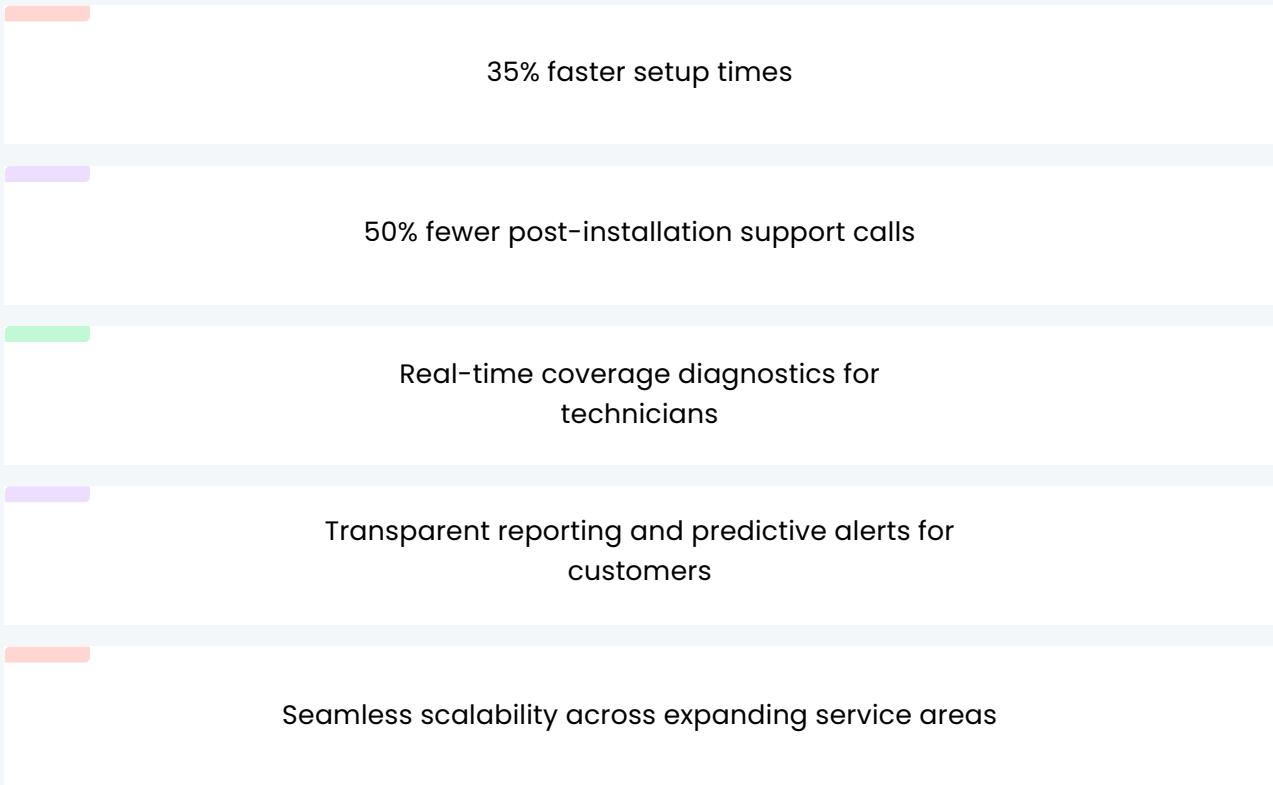
Anubavam developed a cloud-based platform using Drupal, PHP, and MySQL that simplifies Wi-Fi setup, network visibility, and device coordination across households and small businesses.

Highlights include:

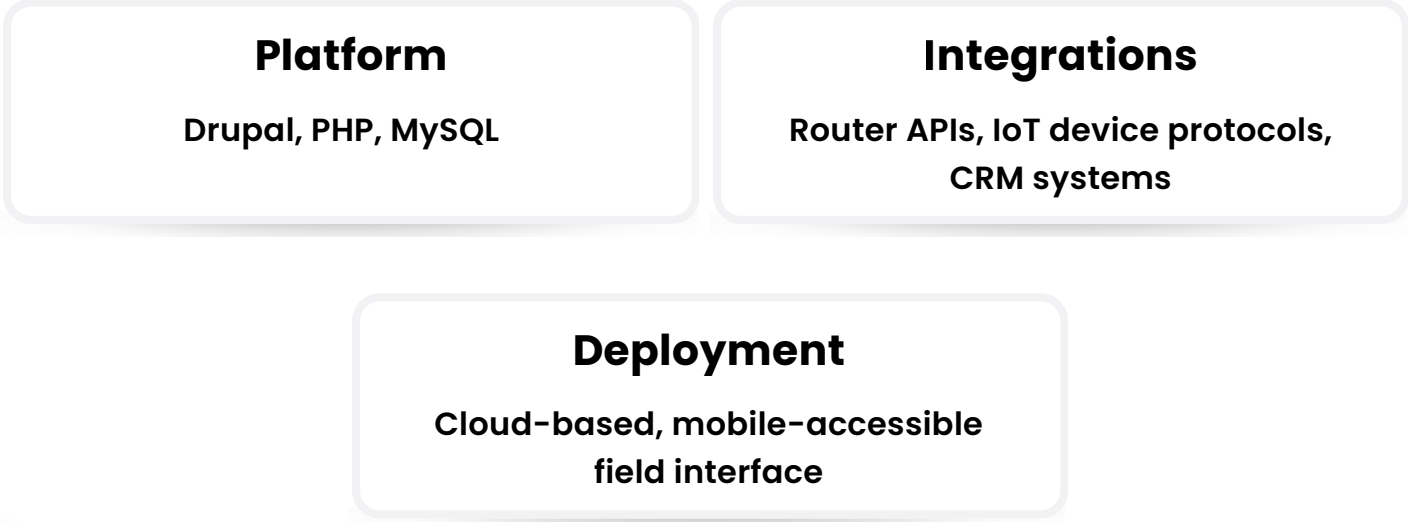
- **Automated mesh configuration** analyzing router placement, interference levels, and material layouts.
- **Smart device discovery** enabling seamless integration across thermostats, cameras, and IoT appliances.
- **Service intelligence dashboard** providing real-time signal and performance metrics for field teams.
- **End-to-end workflow automation** covering scheduling, reporting, and invoicing.
- **Multi-region cloud deployment** supporting scalable, cross-county operations

Impact

The new system elevated operational efficiency and customer experience across every installation.



Technology Foundation



Outcome

The company now operates as a connected ecosystem, transforming network setup into a proactive, data-driven experience.

“Anubavam helped us turn connectivity into confidence, delivering Wi-Fi that works intelligently, everywhere.”

