Insight
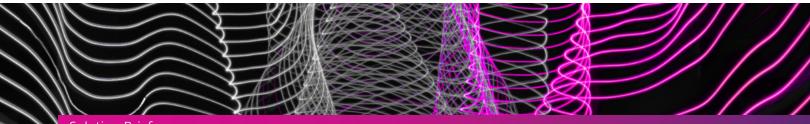
Solution Brief

Public Wi-Fi Implementation Services

The global health crisis has accelerated digitization across industries. It has changed the way people work, learn, and live. Employers and educational institutions now depend on online resources to provide economic and learning opportunities. Yet, there are significant capabilities and access gaps that constitute a digital divide, preventing many individuals and businesses from adapting to this new normal.

Insight can be a part of the solution. Leveraging in-house skills and strategic partnerships, we've developed and tested a full-scale design, installation, and services package for a complete Wi-Fi network that can scale to nearly any scope or user count. Optional ongoing Support Services provide extra assurance for an optimized and secure network that performs well beyond the pandemic and into the future.

Service details:

A phased approach
We perform a methodical series of phases that helps accelerate agreement and project execution.

Planning	Design	Electrical remediation services	Tower construction	Installation
Core, access, and wireless network planning, including RF predictive analysis	Core, access, and wireless network design, including RF field site surveying	Network testing and troubleshooting to prevent and quickly remediate network bottlenecks or other issues	Utilizing existing points and building new points to provide connectivity between multiple base stations	Network deployment, which includes retrofitting infrastructure and installing new components to support the design

Three-layer network design
We combine foundational network infrastructure with modern security solutions and wireless mesh technologies:

- Backhaul layer
- Capacity injection layer
- Mesh access layer

Support Services available:

- **Monitoring, data analytics, and optimization** — Cloud controller services, data analytics reporting, network monitoring, network optimization, software revision upgrades, and manufacturer software support
- **Software updates** — Configuration, optimization, and software revision services, as well as remote support, manufacturer software support, and technician dispatch for network core and access equipment
- **Engineering support** — On-demand remote network engineering support

In the field
Through Insight's Public Wi-Fi Implementation Services, Hidalgo County in Texas is now providing free public Wi-Fi internet access to more than 30,000 students and remote workers. Read the case study or watch this video to learn more.

Insight's Solar Network Rapid Deployment Unit (RDU) solutions are helping public and private organizations create flexible, reliable network access wherever and whenever needed. Click here to watch a demo video.

Why Insight

Deep expertise in network solutions and RF service delivery

300+ network and wireless projects per year

3,000+ technical certifications

Strategic partnerships with all major technology providers

Hold major contracts, including SEWP V, GSA, CIO-NS, and OMNIA Partners

Develop solutions that are compliant with HIPAA, FIPPs, ITARS, GDPR, CCPA, PCI-DSS, FISMA, NIST 800-53, and others

Getting started is easy.

Visit solutions.insight.com/contact-us to connect with our team.

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