IMPLEMENTATION ROADMAP

Wi-Fi 7: Conquer the Climb to Continuous Peak Wi-Fi Performance



5 Stay exceptional: Optimize + evolve

Perform regular updates and maintenance:

- Keep firmware and security patches up to date
- Perform regular network health checks • Schedule routine preventive maintenance

Watch, listen, and scale:

- Plan for network expansion to accommodate device and application growth • Rely on user feedback to refine and enhance network experiences
- Use insights to guide strategic technology investments

Adapt to the latest innovations:

- Stay informed on emerging technologies and trends
- Experiment with new Wi-Fi 7 features as they become available
- Foster a culture of continuous improvement within the IT team



Where does AIOps actually help? Al-Native Networking wireless demo







Be vigilant: Rely on continuous monitoring + dynamic troubleshooting

Implement advanced monitoring tools:

- Deploy tools that can continuously track
- performance and user experience Utilize real-time analytics to detect anomalies
- and performance issues • Set up alerts for critical threshold breaches

Make proactive adjustments

- Use Al-driven insights for configuration optimization and issue resolution
- Implement automated troubleshooting protocols for rapid problem solving

Employ user analytics:

- Systematically collect and analyze user behavior and feedback
- Adjust network settings based on user
- Ensure consistent quality of service



Scale Smoothly: Maximize deployment and configuration efficiency

Centralize management:

- Rely on a cloud-based platform for streamlined deployment
- Implement automated configuration processes
- Rely on the cloud for easy scalability for future network growth

Continually test and optimize:

- Use Wi-Fi 7 features to configure APs for peak performance
- Conduct extensive testing to ensure
- benchmarks are met Validate with real-world usage scenarios

Strengthen security protocols:

- Enable WPA3 to strengthen encryption and authentication
- Regularly update security policies to mitigate threats
- Monitor for vulnerabilities and apply patches promptly









Gear Up: Upgrade infrastructure

- Design your network: Upgrade to Wi-Fi 7 compatible access points (APs)
- Redesign network layout for optimized RF coverage Source PoE++ and MGig supported switches

Enhance backhaul capabilities:

- Ensure the wired network supports increased Wi-Fi 7 bandwidth
- data rates if necessary

Conduct capacity planning:

• Plan for high-density environments with more devices

Ensure redundancy for critical network segments

Optimize for latency-sensitive applications like HD conferencing

Base Camp: Assess and plan

Evaluate existing infrastructure:

- Assess current network setup, performance
- and bottlenecks Review hardware and software readiness for Wi-Fi 7

- Define requirements and objectives: Identify usage patterns and project future growth
- Prioritize applications and devices needing 6 GHz capabilities

- Implement risk management: • Identify possible risks and mitigation strategies
- Set performance, capacity, and user experience goals Develop a deployment timeline, roadmap, and budget



Get a refresh on Wi-Fi 7 key considerations Introducing the Power and Scale of Wi-Fi 7





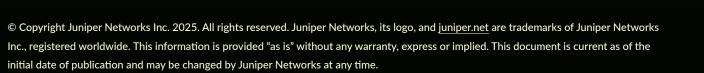
Welcome

The 6 GHz band has introduced 3x the available spectrum capacity of 2.4 and 5 GHz bands combined. NOW, Wi-Fi 7 is transforming enterprise connectivity with next-gen efficiency, performance, and security for digital transformation. This simple guide equips you and your team with a structured, step-by-step roadmap to achieve your seamless transition to Wi-Fi 7 and achieve peak wireless performance.



Watch the complementary on demand webinar Wi-Fi 7: Charting Your Path to Peak Wi-Fi Performance

WATCH NOW





NETWORKS