

Wi-Fi & Access Point **Services**

Assess, optimize, secure and modernize enterprise wireless environments.

Arctiq helps organizations improve wireless coverage, performance, reliability and operational readiness across offices, warehouses, campuses and multi-site environments. Our wireless services combine assessment, design, access point planning, deployment readiness and practical remediation recommendations so customers can deliver a more consistent user experience.

Where Arctiq Helps

Enterprise Wi-Fi has become business-critical. Hybrid work, cloud applications, mobile devices, IoT, warehouse operations and collaboration tools all depend on stable wireless connectivity. Arctiq helps customers understand the current state of their wireless environment, identify gaps and create a practical plan to improve coverage, capacity, performance and security.

COMMON CUSTOMER CHALLENGES

- Coverage gaps and dead zones
- Interference and unstable connections
- Overloaded access points
- Roaming and performance issues
- Legacy wireless designs or hardware
- Limited visibility into wireless health

BUSINESS OUTCOMES

- Improved wireless experience for users and devices
- Better coverage and performance consistency
- Clear access point placement and refresh recommendations
- Modernization path for new wireless technologies
- Practical remediation plan and executive summary
- Deployment-ready documentation and design inputs



Core Wireless & Access Point Services

01

Wireless Assessment & Health Check

Arctiq reviews the current wireless environment to identify coverage, capacity, interference, configuration and operational challenges.

- Wireless performance and coverage review
- Identification of gaps, risks and improvement areas
- Prioritized remediation recommendations

02

Wireless Site Surveys

Arctiq can conduct predictive, passive and active wireless surveys to evaluate how the environment performs in real facilities.

- RF and spectrum analysis where required
- Heat maps and coverage maps
- Performance spot testing in critical areas

03

Access Point Design & Placement

Using survey findings and customer requirements, Arctiq develops access point placement and design recommendations to improve coverage and capacity.

- AP location and coverage planning
- Capacity and density considerations
- Design inputs for bill of materials and implementation planning

04

Wireless Refresh & Modernization Planning

Arctiq helps customers plan wireless infrastructure refreshes, including migration to newer access point technologies.

- Current-state documentation
- Migration and remediation roadmap
- Wi-Fi 7 readiness planning where applicable

05

Secure Wireless Access

Wireless modernization often requires secure authentication, guest access and device onboarding considerations. Arctiq can align wireless design with broader network security needs.

- Guest and BYOD wireless considerations
- Network access control integration planning
- Wireless security and authentication design support





Engagement Approach

- 01 Initiate and Scope**
Confirm objectives, facilities, success criteria and survey areas.
- 02 Assess and Survey**
Collect wireless data, inspect existing access point locations and validate critical coverage areas.
- 03 Analyze and Design**
Interpret findings, identify issues, design remediation and create AP placement recommendations.
- 04 Document and Review**
Deliver findings, heat maps, coverage documentation, recommendations and an executive summary.
- 05 Plan Next Steps**
Support implementation planning, BOM inputs, wireless refresh planning and rollout strategy.

Typical Deliverables

ASSESSMENT & FINDINGS	DESIGN & PLANNING	EXECUTIVE READOUT
Wireless assessment report	Access point placement recommendations	Executive summary
Heat maps and coverage maps	Wireless remediation roadmap	Prioritized next steps
RF or spectrum findings where applicable	BOM/design inputs for refresh projects	Review workshop with stakeholders
Existing AP and documentation updates	Deployment planning guidance	Future-state wireless strategy

Representative Use Cases

Preparing offices and collaboration spaces for return-to-office wireless demand.

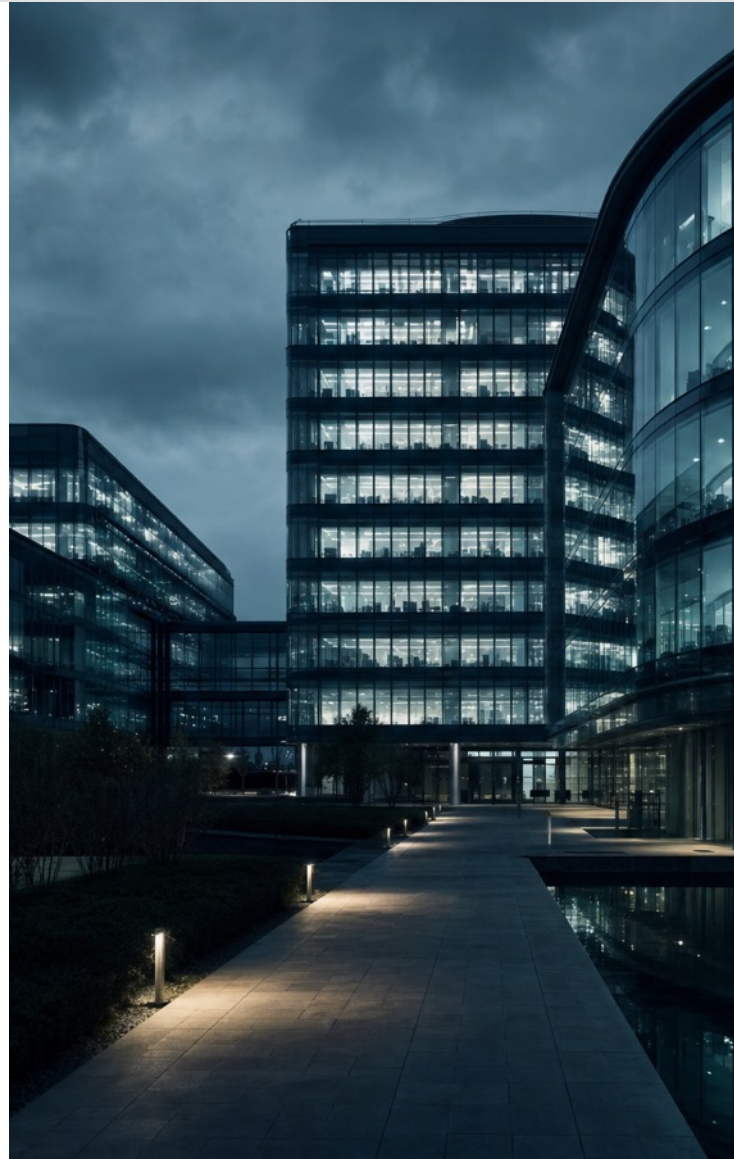
Refreshing legacy access points and planning migration to newer Wi-Fi standards.

Improving warehouse, manufacturing or refrigerated facility Wi-Fi coverage.

Designing wireless expansion across multiple locations.

Supporting secure wireless access for employees, guests, BYOD and operational devices.

Creating the documentation needed to support implementation, hardware quoting and long-term lifecycle management.



Why Arctiq

Arctiq brings together wireless architecture, professional services delivery and broader network and security expertise. The result is a practical, outcome-oriented engagement that moves customers from current-state uncertainty to a documented improvement plan and deployment-ready recommendations.

Next step: schedule a wireless discovery conversation to review locations, pain points, critical applications and **business outcomes**.

Contact us 