

WI-FI DESIGN AND SITE SURVEY



 **LIREX**

Optimize Costs, Performance, and Reliability



Why Wi-Fi Design and Site Survey from LIREX?

The professional Wi-Fi planning is key to optimizing costs for a reliable, high-quality wireless network.

Key Features



Performance Evaluation

Through a comprehensive Site Survey, using heat map visualizations, we perform real-time parameter monitoring, gaining valuable insights about coverage gaps, capacity bottlenecks, and possible interferences. After identification of a network performance issues, we provide you the necessary solutions for optimal performance.



Flexibility and Customization

Through this service you gain practical solutions for improving the network performance and reliability according to your specific coverage and capacity requirements for certain areas on your premise.



Detailed Reports

You receive the key findings and recommendations for network optimization, such as necessary adjustments, reconfiguration of access points, or other steps to enhance the capacity and the user experience.



Multiple Benefits

When Designing New Wi-Fi Networks

Optimized Investment

- Reduce infrastructure costs (hardware and licenses) while achieving the desired coverage and performance with minimal, precisely specified equipment based on comprehensive Wi-Fi planning and site surveys.

Enhanced User Experience

- Enhance the user experience by providing the needed wi-fi signal strength and minimizing latency, which is especially valuable in environments with real-time demanding applications.

Optimized Performance

- Achieve the desired performance and coverage levels in all areas avoiding dead zones, and spots with weak signal by effectively placing the optimal amount of access points in all the right locations.

Compliance

- Ensure network compliance with necessary administrative criteria and legal requirements.

When Improving Existing Wi-Fi Networks

Reduce Interference

- A professional site survey identifies the problems causing interference and identifies its source, such as neighboring Wi-Fi networks, electronic devices, or physical obstacles. After the cause of the interference is identified, a proper solution can be implemented.

Personalization

- You receive detailed reports along with all the findings and personalized recommendations for improving your Wi-Fi network performance and reliability.

Troubleshooting

- Receive reliable diagnostics and analysis for resolving connectivity issues such as low speeds, or inconsistent performance.



Avoid unnecessary expenses for excessive devices and infrastructure, and ensure Wi-Fi coverage with all the necessary parameters throughout your premises.

For quality Wi-Fi survey, we use software platforms combining Artificial Intelligence algorithms with extensive data analysis.



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In a world of technology, **people make the difference.**