


ZEBRA


What do you get with WorryFree WiFi?

The most advanced WiFi radio technology. WiFi radio enhancements that boost WiFi voice and data performance into a class of its own, right out of the box.

The best of both worlds: WiFi radios that are pre-configured for business right out of the box — and easily customizable. Customize complex WiFi radio configurations to best meet your business and performance needs with push-button simplicity.

Easy WiFi radio troubleshooting. The most comprehensive single tool available for the fastest identification and resolution of WiFi issues.



WorryFree WiFi

TAKE PRODUCTIVITY AND COLLABORATION TO THE NEXT LEVEL WITH A DEPENDABLY SUPERIOR WIFI EXPERIENCE

To get the most value out of the mobile devices inside your four walls, your workers need the best possible WiFi connection. That's why supported Zebra Android mobile devices offer WorryFree WiFi. Part of Zebra's Mobility DNA family, WorryFree WiFi delivers WiFi radio advancements that boost wireless LAN performance into a class of its own, with out-of-the-box business-class WiFi radio configurations that are easily customizable to meet your unique needs, plus a comprehensive single tool that delivers unmatched issue analysis, troubleshooting and problem resolution. The result? Superior application performance with near instant response times, plus exceptional voice quality and clarity on every call — everything you need to leverage your WiFi network to increase workforce productivity and better serve your customers. Maximize the value of your Zebra Android mobile devices with the best possible WiFi experience with WorryFree WiFi — only from Zebra.

The most advanced WiFi radio technology

All WiFi radios are not created equally — and Zebra’s WorryFree WiFi proves it with technology advancements that provide your users with an exceptional WiFi data and voice experience, right out of the box. Key advancements include:

Advanced Smart Roaming

Delivers fast roaming — faster than the average standard WiFi radio.

Advanced WiFi Network Fault Recovery

Virtually eliminates dropped connections and application interruptions that can occur when workers pass through WiFi coverage fluctuations.

Advanced voice support

Get uninterrupted calls with superior voice quality and clarity through Call Admission Control, which protects voice quality and prevents dropped calls by ensuring the volume of voice traffic matches the voice capacity of the WiFi network. This key feature is typically not implemented on the standard WiFi radio. To maximize out-of-the-box control over the quality of service for voice-over-IP (VoIP) calls, Call Admission Control is enabled on all supported Zebra Android mobile devices.

Increased standard WiFi radio requirements

The enterprise class WiFi radio in Zebra’s supported Android mobile devices exceeds the WiFi Alliance™ requirements for roam times, jitter, packet loss and packet prioritization, setting a new standard for enterprise-class WiFi radio baseline performance.



Expect
exceptional
WiFi performance...
right out of the box.

The best of both worlds: WiFi radios that are pre-configured for business right out of the box — and easy to customize

We took our deep understanding of WiFi business requirements and developed a standard business-class WiFi configuration that meets the needs of most businesses, right out of the box. And if you have a unique facility that requires a customized WiFi radio configuration, we've made that easy too.

Plug-and-play WiFi radios that are ready for business

We pre-configure all WiFi radios in all supported Zebra mobile devices with a special set of parameters that delivers high performance WiFi in nearly all facilities, right out of the box.

No technical expertise required

While WiFi radio configuration typically requires a highly technical worker, our simple interface makes it easy to pick and choose your WiFi radio parameters to create a custom configuration to maximize WiFi performance and connection quality.

Easy remote deployment

Utilize your existing Enterprise Mobility Management (EMM) software to deploy your customized WiFi radio configurations on all of your devices.

Easily
customize
your WiFi radio
configurations to meet
your business needs.



Powerful real-time analysis and troubleshooting for your WiFi connectivity and performance issues

Once the WiFi radios in your supported Zebra Android mobile devices are properly configured to deliver the best WiFi experience in your facility and are up and running, you need to maintain that superior WiFi connectivity (to maintain productivity and customer service levels). But troubleshooting WiFi issues on mobile devices is typically very complex, requiring numerous separate tools, manual correlation of the data from those disparate tools and the expertise to analyze the data to determine and resolve the issue — until now.

With Zebra's WorryFree WiFi troubleshooting app, you can address it all. You can collect all the standard data that today's WiFi troubleshooting tools gather, plus hard-to-collect data that cannot be fetched by any single standard network troubleshooting tool. Then we perform analysis on all available data to rapidly identify and present the issue in an easy-to-understand interface. The result? Fast WiFi troubleshooting. Minimal mobile device downtime due to WiFi issues. A more efficient IT staff. And a more connected workforce that can get more done, every day.

This powerful WiFi troubleshooting and analysis app delivers:

Real time troubleshooting information

See the behavior of the WiFi network and device connection at the exact moment in time that the issue occurred, allowing you to see the problem in action — no need to waste time recreating the issue.

The only WiFi troubleshooting tool with integrated data analysis

In addition to data collection, the WorryFree WiFi diagnostic app also instantly analyzes the data and presents the relevant information required to troubleshoot and resolve the issue to restore WiFi network performance in easy-to-understand screens — without complex and expensive network monitoring tools.

Single tool simplicity: Just one tool uncovers WiFi connectivity issues

This vendor-agnostic solution ensures compatibility with your existing WiFi network by objectively analyzing the connections between Zebra mobile devices and your wireless LAN — there are no new tools to purchase and manage, such as probes.

Get the ultimate all-in-one troubleshooting tool.

More data for faster and deeper insights

Get all the information that the universe of WiFi network troubleshooting tools can collect and more, providing a new level of visibility for faster issue identification and resolution. Available information includes:

Device connection status. See the detailed WiFi connectivity status of the mobile device, including: signal strength, channel type and number, IP address, gateway, DNS and DHCP.

Access point configuration. See, test and check the RF, security and power configuration of one or more SSIDs for all access points that are visible to the Zebra mobile device.

Initial connection failure analysis. Pinpoint failure-to-connect errors with reasons, including SSID, RSSI, channel, IP connectivity, authentication.

Roaming analysis. Real-time testing provides visibility into why an issue occurred. Visible information includes the general performance and health of the WiFi access points, the performance of access point handoffs during roaming, network traffic and related environmental parameters.

Voice analysis. Combines roaming analysis data with the results from simulated voice packet tests for packet loss, jitter, latency, the quality of the link between the mobile device and any endpoint in your network, and more. Reports provide a list of parameters outside of your pre-defined thresholds with suggested reasons, providing the information you need to resolve the issues and restore voice performance that meets your Quality of Standards (QoS) for voice in your facility.

Dual concurrent endpoint connection tests. Test reachability and network performance between the mobile device and any two IP addresses or URLs. This highly configurable feature allows you to define the type and volume of traffic you want to simulate — such as voice or video.

View live WiFi Device coverage. Interactive graphs make it easy to check and identify coverage issues for the access points in the connected network.

Packet-capture for offline analysis. Easily save packets coming and going to and from the Zebra mobile device for additional analysis. This comprehensive feature including packets no other on-device tool can see. And unlike a standard over the air external onlooker sniffer, you do not need multiple sniffing adapters for each channel.

The impact of WiFi radio configuration parameters. Easily modify WiFi radio parameters in the mobile device to run tests in real time to determine the impact of advanced settings on performance, such as Power Save Mode or Band Preference.

Boost your workforce productivity with superior WiFi connectivity.

For more information, please visit www.zebra.com/worryfreewifi

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