AirMagnet Spectrum XT 3.10
Release Notes

April 2020

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Introduction

This *Release Notes* highlight the new features and known issues in this AirMagnet Spectrum XT v3.10 release. It also provides basic instructions and important notes on the installation and operation of the software.

Important Notes

- Spectrum XT can capture and display both spectrum and Wi-Fi data, provided that both an AirMagnet-supported Wi-Fi adapter and spectrum adapter are installed and enabled on the same computer on which the application is installed. The use of a Wi-Fi Adapter is optional.

- Spectrum XT v3.8 and above uses a new licensing signature and as a result, will not be recognized by AirMagnet Survey PRO v8.6 and earlier versions for Survey integration.

- Certain third-party applications installed on your laptop PC may cause Spectrum XT to malfunction. Table 1 identifies those applications and provides a workaround for each of them.

Table 1: Problem-Causing Applications and Their Remedial Actions

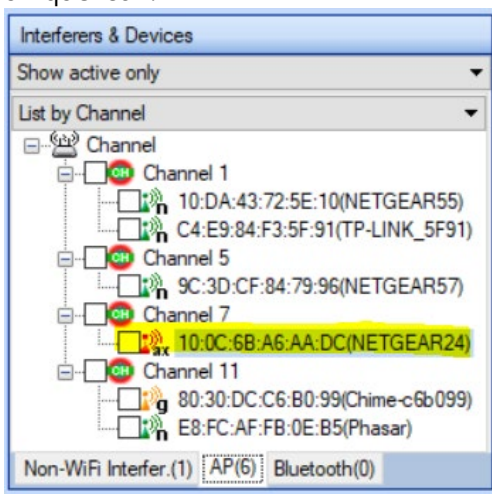| If you have installed	Do this
AT&T® Global Network Client	Disable the AGN Client or disable the AGN Filter Interface in Windows Wireless Networks.
Symantec® Endpoint Protection	Disable Network Threat Protection in Symantec Endpoint Protection.
Cisco® Secure Services Client	Disable the CSS Client (Open CSS Client, and press Alt-C or deselect Enable Client in Settings).

New Features

This section explains the new features and enhancements implemented in the AirMagnet Spectrum XT v3.10 release.

Wi-Fi 6 Support

You will now be able to detect, identify and locate Wi-Fi 6 (802.11ax) devices. You will also be able to get extended information on Wi-Fi 6 devices while using a supported Wi-Fi adapter:

1. The Interferers & Devices tree now highlights access points that support Wi-Fi 6 with a new and unique icon.

2. The Wi-Fi Devices view now highlights access points or clients that support Wi-Fi 6 with a new and unique icon.

3. The Channel Occupancy chart now displays modulated and non-modulated interference for access points using 80 MHz or 160 MHz channel widths.

End of Support for the Microsoft Windows 7 Operating System

After 10 years, Microsoft decided to end support for the Windows 7 operating system on January 14, 2020. As such, Windows 7 PC's will stop receiving both software and security updates. While you can continue to use your PC running Windows 7, without continued software and security updates, it will be at greater risk for viruses and malware. To ensure the security of your data AirMagnet has ended support for the Windows 7 operating system. Going forward, the best way for you to stay secure is to upgrade to a newer version of Windows, for the best performance AirMagnet recommends the use of Windows 10.

Support for the New NetAlly My AirMagnet Server

This release adds support for the new NetAlly My AirMagnet server, which allows for the download of software licenses and future software update notifications.

Product Rebrand

This release adds new NetAlly branding to the splash screens, the about screen, and the user guide.

System Requirements

This section lists the minimum system requirements of the platforms on which AirMagnet Spectrum XT can be installed and operated.

Laptop and Tablet PC

- Operating Systems: Microsoft Windows 8.1 Pro/Enterprise 64-bit or Microsoft® Windows 10 Pro/Enterprise 64-bit.
- Intel® Core™ 2 Duo 2.00 GHz (Intel® Core™ i5 or higher recommended).
- 2 GB RAM required (4 GB recommended)
- 250 MB free hard disk space.
- Microsoft .NET framework 4.6.1.

Apple® MacBook® Pro

- Operating Systems: MAC OS X v10.9 (or higher) running a supported Windows OS (as noted under Laptop and Tablet PC section) using Boot Camp®
- Intel®-based 2.2 GHz Core 2 Duo or higher.
- 2 GB RAM required (4 GB recommended)
- 250 MB free hard disk space.
- Microsoft .NET framework 4.6.1.

Supported Devices for Additional Wi-Fi Analysis

AirMagnet Spectrum XT offers Wi-Fi analysis features in addition to the spectrum features supported by the AirMagnet Spectrum USB adapter.

Note: Keep in mind that an AirMagnet Spectrum USB adapter is required when running AirMagnet Spectrum XT. The application will not work without a supported spectrum USB adapter.

The wireless network adapters supported and tested by NetAlly are listed at
https://www.netally.com/products/airmagnet-spectrum-xt/#SupportedAdapters

Known Issues

This section contains the main known issues found in this release.

Known Issues

Bug #	Description
DE12617	The 5-GHz/Mixed mode FFT Graph freezes after launching WiFi Analyzer with Spectrum Integration enabled. The workaround is to switch to another band, and then switch back or click the **Reset** button.
DE12619	AP association is lost in Survey after you choose to use the NETSCOUT 802.11a/b/g/n/ac 3x3 Express Card Adapter Kit (Model AM/C1097) upon launching XT. The workaround is to avoid selecting this adapter for Spectrum XT.
DE12387	Reports exported in *editable.rtf* format show a number of formatting issues.

DE563	You may encounter a situation where you are unable to use the Find Tool on a device group. The current workaround is to reset the application and allow the group to be redetected before starting the Find Tool.
DE9572	For older recordings (pre-3.6.1), the Duty Cycle values may not be reflected accurately. A new recording will not exhibit this behavior.
DE15347	The number of APs shown at the end of the playback do not match.
DE15619	XT stops working when you try to save a recording after cancelling a computer shutdown.
DE16058	Choosing to export to csv does not work for the FFT graph.
DE16068	Cannot print report in landscape mode. Selecting to print in landscape mode in printer option will still print reports in Portrait mode.
DE16819	Downloading the Viewer Only license from MyAirMagnet and copying it to your installation directory results in and invalid signature error. *Workaround: Viewer license file downloaded via application does NOT have this issue.*

Release History

- 04/2020 AirMagnet Spectrum XT 3.10

- 06/2017 AirMagnet Spectrum XT 3.9

- 08/2016 AirMagnet Spectrum XT 3.8

- 08/2015 AirMagnet Spectrum XT 3.7

- 09/2014 AirMagnet Spectrum XT 3.6.2

- 05/2013 AirMagnet Spectrum XT 3.6.1

Technical Support

If you need help for this AirMagnet Spectrum XT 3.10 release, contact NetAlly, as follows:

Contact Venue	Description
Web:	https://www.netally.com/support/#TechnicalSupport
Phone:	1-844-878-2559 or 1-719-755-0770 and select Option 2

Note: International direct dial phone numbers are available at https://www.netally.com/contact-us/.