



Release Notes for Cisco Spectrum Expert 3.3

June 2008

These release notes describe open and resolved caveats for the Cisco Spectrum Expert 3.3.

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Introduction

Cisco Spectrum Expert monitors the RF spectrum used by a variety of wireless network and communications technologies, such as Wi-Fi (802.11) WLANs. Spectrum Expert consists of hardware-based Cisco Spectrum Expert Sensor Wi-Fi (Sensor Card) and a GUI-based Cisco Spectrum Expert Software which provide complete visibility of the RF environment in which wireless network technologies operate.

Cisco Spectrum Expert Features

The Cisco Spectrum Expert provides:

- A combined hardware and software technology which implements Cisco Spectrum Intelligence technology.
- Increased security, reliability, and performance of the 802.11 WLAN system.

Spectrum Expert consists of two primary components:

- **Cisco Spectrum Expert Sensor Wi-Fi (Sensor Card)**—Spectrum sensors provide the hardware foundations for Cisco Spectrum Intelligence. Each Sensor card incorporates SAgE ASIC, a powerful spectrum-analyzer-on-a-chip. SAgE provides full visibility for the RF spectrum in the unlicensed bands where Wi-Fi WLANs operate.
- **Cisco Spectrum Expert Software**—The Spectrum Expert Software analyzes data from the sensor and provides a GUI-based view of network and RF activity.

Requirements for Cisco Spectrum Expert

System Requirements include:

- Notebook computer with:
 - Pentium series processor running at 1 GHz or faster
 - Windows Vista Business or Windows XP Professional (SP2 or later)—All 32 bit editions only
 - 256 MB of RAM required (512 MB strongly recommended)
 - Display resolution of 800 600 or higher (1024 x 768 recommended)
 - 30 MB free disk space
 - Available Sensor card slot
 - 802.11 capability (recommended)

**Note**

To successfully use the 210C model of the Sensor Card, ensure that the latest software version 3.3 is installed.

Caveats

This section lists open and resolved caveats for Cisco Spectrum Expert 3.3.

Open Caveats

These caveats are open in the Cisco Spectrum Expert Software release 3.3.

- CSCso07572—The current Japan regulatory domain setting is outdated and needs to be changed to reflect the current Japanese regulatory offerings for Cisco products in this market.
- CSCso07707—Japanese markets use the 4.9 GHz band for special outdoor mesh applications. This band is wider than is currently supported in Spectrum Expert 4.94 - 4.99 bandwidth.

Resolved Caveats

These caveats are resolved in the Cisco Spectrum Expert Software release 3.3.

- CSCsq47159—Two Spectrum Expert documents do not specify Windows XP versions in the system requirements. These documents include a 3.2.163 version of the Release Notes and the Product Data Sheet.
- CSCsq30584—Spectrum Expert cannot detect the Intel cards on Windows XP SP3. It displays “Wireless LAN Card Not Detected.”

Troubleshooting

For the most up-to-date, detailed troubleshooting information, refer to the Cisco TAC website at the following location:

<http://www.cisco.com/tac>

Click **Technology Support**, select **Wireless** from the menu on the left, click **Wireless Spectrum Analyzer** and click **Cisco Spectrum Expert**.

Related Documentation

For information on the Cisco Spectrum Expert, refer to the *Cisco Spectrum Expert Users Guide*, the *Cisco Spectrum Expert Quick Start Guide*, and the *Cisco Spectrum Expert Online Help*.

Obtaining Documentation, Obtaining Support, and Security Guidelines

For information on obtaining documentation, obtaining support, providing documentation feedback, security guidelines, and also recommended aliases and general Cisco documents, see the monthly What's New in Cisco Product Documentation, which also lists all new and revised Cisco technical documentation, at:

<http://www.cisco.com/en/US/docs/general/whatsnew/whatsnew.html>

This document is to be used in conjunction with the documents listed in the “[Related Documentation](#)” section.

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