



3Com® AirProtect Sentry 5850 Wireless Intrusion Prevention System

DATA SHEET

Affordable Wi-Fi Intrusion Prevention for Small and Medium Businesses as well as Remote Offices

OVERVIEW

The 3Com® AirProtect Sentry 5850 Wireless Intrusion Prevention System helps protect your network and users from unauthorized wireless access.

Unsecure deployment of Wi-Fi Access Points (APs), or rogue APs, can open up your network to potential hackers, exposing confidential information about your business, customers, products and services. And users connecting to incorrect APs, whether internal rogue ones, or those external to your network, may lead to additional vulnerabilities.

It can also be used to disable all wireless access within your premises, helping to enforce "no wireless" policies.

KEY BENEFITS

PROTECT CONFIDENTIAL BUSINESS INFORMATION

Confidential information about your business and customers can be exposed through insecure APs—rogue and misconfigured—and when employees connect to incorrect ones, such as those in close proximity to your business but not under your control (for example, the coffee shop next door). The 3Com AirProtect Sentry 5850 Wireless Intrusion Prevention System controls access to all these devices, helping to protect your information.

COMPLETE THE NETWORK DEFENSES

Traditional firewalls only monitor wired traffic and have no visibility into the wireless traffic that is flowing in the air. The AirProtect Sentry 5850 is a wireless sensor device, which continuously scans the airwaves and provides wireless intrusion prevention against any unauthorized Wi-Fi activities.

DEPLOY IN JUST MINUTES WITH SIMPLE WEB INTERFACE

The 3Com AirProtect Sentry 5850 Wireless Intrusion Prevention System can be set up in less than 15 minutes. A simple web interface guides you through the appropriate steps to quickly enable defense of your wireless network.



3Com AirProtect Sentry 5850 Wireless Intrusion Prevention System

FEATURES

DETECTS AND PROTECTS AGAINST UNAUTHORIZED ACCESS

Block unauthorized access to the wireless network, protecting business data.

Prevent authorized users from connecting to unauthorized access points, whether internal or external, so data on user's computer is not opened to the outside.

Disable all wireless connections, allowing enforcement of "no wireless" policies.

Compatible with access points from any vendor; no need to replace equipment to obtain protection.

DISCOVER AND TAKE ACTION AGAINST THREATS

Denial of Service (DoS) protection against wireless threats helps keep the wireless network operating at top efficiency.

3Com AirProtect Sentry 5850 Wireless IPS provides the same comprehensive threat detection and analysis engine as used by large enterprises.

Selectable prevention level provides customizable protection: from "deter" wireless intrusions to "complete blocking".

Simultaneous scanning and prevention of attacks (up to 5 simultaneous attacks per Sentry) helps ensure comprehensive protection.

Automatic location tagging of events and devices facilitates threat resolution.

EASILY INSTALL AND MANAGE

Simple web interface quickly enables defense of the wireless network.

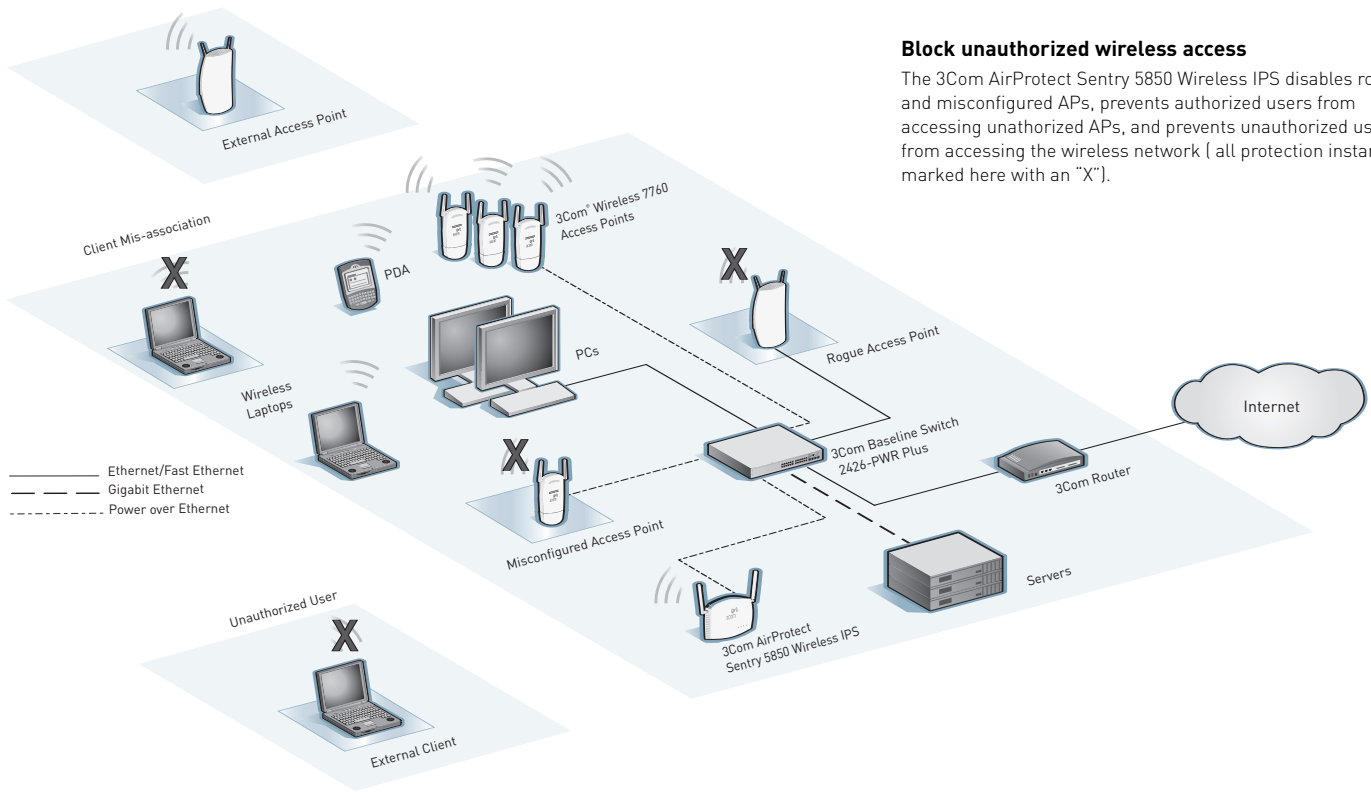
Automatic classification of threats reduces manual effort.

Email alerts provide automatic notification of changes or threats in the wireless air space.

Single device covers most small offices, reducing acquisition and maintenance costs.

Available compliance and audit reports automatically document wireless IPS strategy fulfillment, freeing resources.

3COM AIRPROTECT SENTRY 5850 WIRELESS IPS PROTECTS THE WIRELESS NETWORK



Block unauthorized wireless access

The 3Com AirProtect Sentry 5850 Wireless IPS disables rogue and misconfigured APs, prevents authorized users from accessing unauthorized APs, and prevents unauthorized users from accessing the wireless network [all protection instances marked here with an "X".

Simple web interface for management and reporting

The 3Com AirProtect Sentry 5850 Wireless IPS provides a simple web interface for easy management and reporting. Here, the Dashboard displays a summary of all threats and issues, showing:

- › Device Summary
- › Last 10 events
- › Quarantine Summary
- › Event Summary

In addition, the web interface provides easy access to event and configuration menus.

The screenshot shows the web interface of the 3Com AirProtect Sentry. The dashboard includes several summary tables and sections:

- Device Summary:**

APs		Clients	
Uncategorized	1	Uncategorized	25
Categorized		Categorized	
Authorized	2	Authorized	1
Rogue	0	Unauthorized	0
External	62		
- Events (Last 10):**

Event Summary	Category
New client [00:04:23:75:2F:A8] detected	Monitoring
Uncategorized Client [00:0F:CB:F9:37:ED] association with Authorized AP [00:18:6E:06:07:60] detected	Security
Uncategorized Client [00:0F:CB:F9:38:16] association with Authorized AP [00:18:6E:02:00:60] detected	Security
Uncategorized Client [00:0F:CB:F9:37:ED] association with Authorized AP [00:18:6E:06:07:60] detected	Security
New AP [00:18:6E:2F:E9:40] detected	Monitoring
New AP [00:18:6E:2F:E5:C0] detected	Monitoring
- Quarantine:**

APs		Clients	
Quarantined	0	Quarantined	0
Quarantine Pending	0	Quarantine Pending	0
- Event Notification Settings:**

Time Period	Count
Last 5 Minutes	2
Last 1 Hour	2
Last 1 Day	80
All	88

SPECIFICATIONS

MEDIA INTERFACES

RJ-45, IEEE 802.11a, 802.11b, 802.11g
One 10BASE-T/100BASE-TX IEEE
802.3af-compatible PoE port with
auto-negotiation

INTRUSION PREVENTION

Auto-classification of access points
and client devices (authorized,
unauthorized, external and uncatego-
rized)

Automatic intrusion prevention
against rogue and insecure APs,
external access, and ad hoc networks

Denial of Service (DoS) detection

Selectable prevention level ("deter"
to "complete blocking")

Simultaneous scanning and prevention
of attacks (up to 5 simultaneous
attacks per Sentry)

Email notification of intrusion
attempts and "changes"

STANDARDS CONFORMANCE

IEEE 802.11a, 802.11b, 802.11g,
802.1X, 802.3, 802.3af

ANTENNA

2 removable 2dB gain antennas with
R-SMA connector

SECURITY

IEEE 802.11a, 802.11b, 802.11g

MANAGEMENT

Remote management with Web
browser

Command line interface over SSH v2

LEDS

Power, 10/100 Mbps, 802.11b/g
activity, or 11g activity

DIMENSIONS AND WEIGHT

Height: 15.9 cm (6.25 in)

Width: 21.91 cm (8.625 in)

Depth: 4.13 cm (1.625 in)

Weight: 544.31 g (1.2 lb)

REGULATORY/AGENCY APPROVALS

Safety

UL/CSA 60950-1

EN/IEC 60950-1

NOM-019- SCFI

EMC/EMI

FCC 15 Subpart C

IC RSS-210

EN 300 328

EN 301 893

EN 301 489-1, -17

EN 60601

ENVIRONMENTAL RANGES

Operating temperature: -10 to 40°C
(14 to 122°F)

Storage temperature: -40 to 70°C
(-40 to 158°F)

Humidity: 10 to 95% non-condensing

PACKAGE CONTENTS

3Com AirProtect Sentry 5850 Wireless
Intrusion Prevention System

2 external dual-band 2.4/5GHz
antennas with R-SMA connectors

Mounting hardware

1.6 m CAT 5 cable

Quick Installation Guide

Support and Safety sheet

Warranty sheet

CD with documentation

WARRANTY AND OTHER SERVICES

One-year hardware warranty,
90 days free technical support.

Refer to www.3com.com/warranty for
details.

ORDERING INFORMATION

PRODUCT DESCRIPTION

3Com AirProtect Sentry 5850 Wireless Intrusion Prevention System 3CRWX5850GS

Accessories

3Com Power over Ethernet Single-Port Midspan Solution 3CNJPSE

3Com Global Services

3Com Wireless LAN Site Survey, Network Health Check,

Installation Services and ExpressSM Maintenance www.3com.com/services_quote

3Com University Courses www.3com.com/3comu

Visit www.3com.com for more information about 3Com secure converged network solutions.

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