

AIR MARSHAL®



**WIRELESS &
PROTECTED**

Command and control software for wireless operators

WiFi public access networks, better known as hotspots, are being implemented worldwide at a feverish pitch. Even the lack of a proven business model has not slowed the pace as companies race to supply more venues and entire geographical areas with wireless coverage. Though the road to profitability may be unclear, what remains perfectly clear is that operators need to lower the Total Cost of Operation (TCO) to a bare minimum. This is true both in terms of hardware selection and ongoing operations.

Our AirMarshal® Wireless Management Software provides a complete solution for wireless hotspot operators including monitoring, remote configuration, reports and alerts. An intuitive graphic user interface provides operators with immediate information regarding potential problems and the ability to drill down and find the root cause in a matter of minutes. A standard SQL database is used to store usage and operational information which can later be used for system reports and improvement of operational efficiencies.

The key differentiator of AirMarshal is its ability to support any 802.11 compatible access point from any vendor. A single unified interface can be used to set wireless networking parameters across the entire network and perform firmware upgrades – even if it consists of different hardware models from multiple vendors.

A cost effective solution, a single AirMarshal server can be used to manage multiple hotspots of up to 1,000 access points, while multiple servers can be implemented to manage even the largest wireless networks.

Features

- ◆ **Centralized management**
24 x 7 monitoring of all access points and devices with remote configuration and firmware upgrades for all APs
- ◆ **Administrator friendly**
Intuitive graphic user interface ensures fast reaction to system failures and increased management efficiency
- ◆ **Fully compatible**
Forwards and backwards compatibility is ensured through support for any 802.11 AP regardless of model or vendor
- ◆ **Highly Scalable**
A single server can manage up to 1,000 APs while multiple servers can handle even the largest wireless networks

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Wireless
Protection

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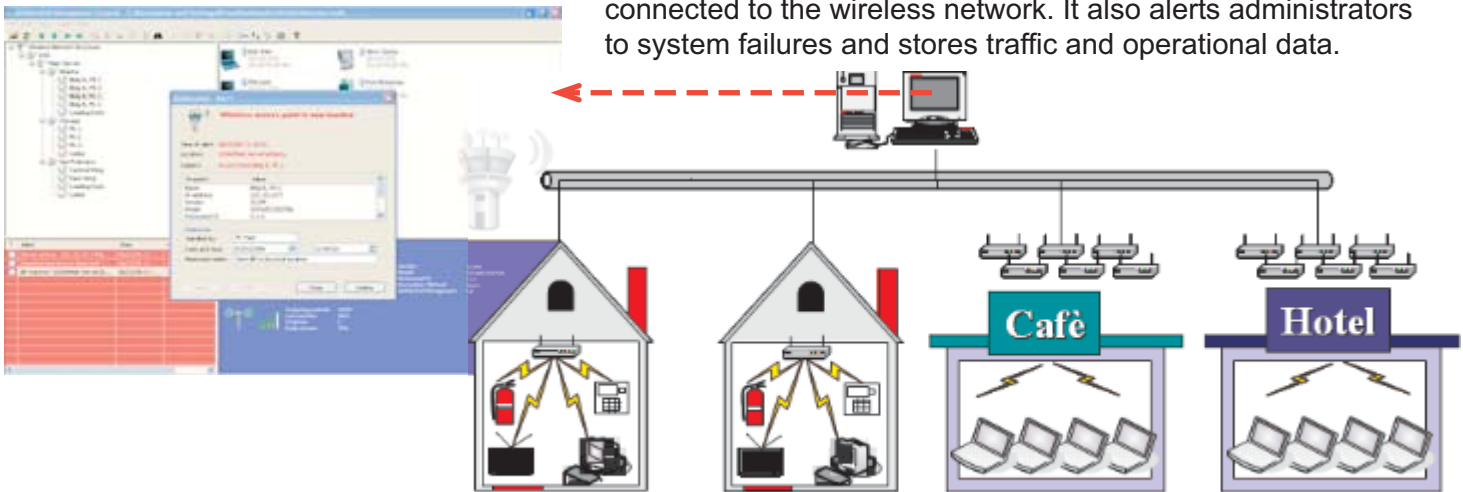
AIR MARSHAL®

Return on Investment

- ◆ **Preventive Maintenance**
Systems alerts enable administrators to solve problems before they become tech support calls.
- ◆ **System Optimization**
User traffic and operational data are stored in a central database for usage reports and in-depth analysis.

Network Diagram

AirMarshal manages access points and monitors all devices connected to the wireless network. It also alerts administrators to system failures and stores traffic and operational data.



AirMarshal can be used for managing wireless access points in public access, residential and enterprise environments

Specifications

- ◆ **Server OS** Windows Server 2003, Windows XP
- ◆ **Server hardware** 3.0 Ghz, 1.0 GB RAM, 80 GB Disk
- ◆ **Databases supported** MS-SQL, My-SQL
- ◆ **APs supported** All Wi-Fi certified equipment

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RED™

Wireless Protection

About Code Red

Headquartered in Jerusalem, Israel, Code Red Systems' mission is to simplify the management and security of wireless equipment from multiple vendors in public, business, industrial and residential computing environments. The company's solutions are hardware independent, thereby preserving the interoperability of the 802.11 standard, and based on modular architecture to accommodate emerging protocols, applications and security standards.

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