

# AIR BLOCK<sup>®</sup> CLI



## WiFi Client Command Line Interface

AirBlock CLI is the best solution for automatic configuration of wireless NICs in software applications which require dynamic changing of WiFi client settings. This may include: Proprietary wireless applications, troubleshooting wireless connectivity and automated testing of WLAN equipment.

For developers, setting wireless parameters using the Windows interface can be a cumbersome and time consuming operation. This increases development time and hinders automation.

For QA and testing teams, automated setting of wireless parameters enables more efficient scripts for product testing with multiple configurations on hardware from multiple vendors.

After the software is installed on a Windows XP machine, wireless parameters can be set from the Windows Command Line prompt. The product includes a syntax guide and clearly defined error codes which help identify points of failure.

### Features

- ◆ **Fast**  
Quickest way to integrate NIC configuration into wireless apps
- ◆ **Automated**  
Enables a high level of development and testing automation
- ◆ **Efficient**  
Enables setting multiple parameters in a single command
- ◆ **Intuitive**  
Familiar command line interface and syntax
- ◆ **Compatible**  
Supports most WiFi compatible client-side devices
- ◆ **Standardized**  
Complies with current and legacy 802.11 standards

### Operations

It is very difficult for wireless hardware and software developers to integrate Microsoft Wireless Zero Configuration (WZC) or other vendor specific wireless configuration utilities into their applications. AirBlock CLI enables direct configuration of any wireless NIC, regardless of form factor, in a convenient and intuitive manner.

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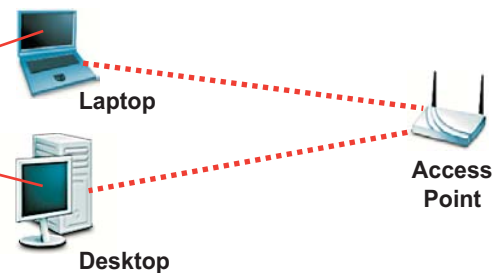
Operations include:

- ◆ Enable Open Mode
- ◆ Enable WEP Encryption
- ◆ Define WEP Key
- ◆ Enable WPA-PSK Encryption
- ◆ Define WPA Passphrase
- ◆ Enable 802.1x
- ◆ Set SSID
- ◆ Associate with AP
- ◆ Disconnect from AP
- ◆ Error code definitions

## Diagram

AirBlock CLI is installed on each Windows XP machine and enables setting of wireless client-side parameters from the Windows Command Prompt.

```
Command Prompt
C:\>encrypt_wep -keylen 40
C:\>encrypt_wep -keyval a4rr568da2
C:\>
```



## Specifications

- ◆ **Operating systems** Windows XP
- ◆ **Equipment supported** Most Wi-Fi certified devices
- ◆ **Security standards** Full WEP & WPA support

## About Code Red

Headquartered in Jerusalem, Israel, Code Red Systems was established to simplify the management and security of wireless equipment produced by multiple vendors in business, industrial and residential computing environments. The company's solutions are hardware independent, thereby preserving the interoperability of the 802.11 standard. The underlying architecture is modular and flexible in order to accommodate emerging wireless protocols, applications and security standards.

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# CODE<sup>TM</sup>

# RED<sup>TM</sup> Wireless Protection

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