

Air Marshal™

version 2.0



When it comes to controlling access to Ethernet based networks regardless of hardware, operating system or device Air Marshal fits seamlessly into existing network and RADIUS/AAA infrastructure. Weather you're a large provider with hundreds of locations or a local coffee shop you'll benefit from Air Marshals ease of use and customizable user experience.

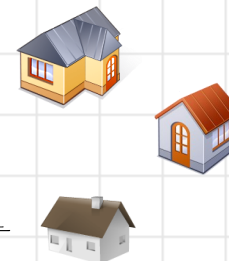
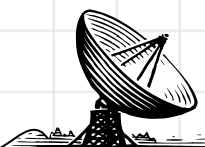
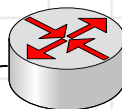
General Features

- ◆ Real-time active session list with per user current bandwidth utilization
- ◆ Walled Garden enables limited access to select sites before logging on
- ◆ Local access account manager for smaller installations without a RADIUS server
- ◆ Anonymous / Guest access with daily per client time and data limits
- ◆ SSL encryption establishes identity and protects sensitive client information
- ◆ Transparent HTTP proxy server support for content caching and filtering services
- ◆ Periodic commercial interruption option for advertisement funded access
- ◆ Supports thousands of concurrent sessions per server
- ◆ Configurable per-session time, data and up/down bandwidth limitations
- ◆ Customizable HTML login interface, link to signup and self-management portals

Internet

Air Marshal

End-User / CPE



AP / Switch

RADIUS/AAA Features

- ◆ User authentication
- ◆ MAC Pre-authentication
- ◆ Detailed session accounting
- ◆ Interim accounting updates
- ◆ RFC3576 Disconnect request
- ◆ Periodic session reauthorization
- ◆ Ascend binary filters
- ◆ Bandwidth limit enforcement
- ◆ Automatic backup server failover
- ◆ Data mirroring / intercept

Network Features

- ◆ Supported network topologies:
 - ◆ L3 IP Routing
 - ◆ NAT
 - ◆ Transparent L2 Bridging
- ◆ Multiple subnets & interfaces
- ◆ Device listeners for non web-based authorization.
- ◆ Network layer session tracking



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