



The Future of Wireless

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Overview

Structured "Wireless-Aware" Networking...

Intelligent
Interoperable
Fast
Secure
Manageable

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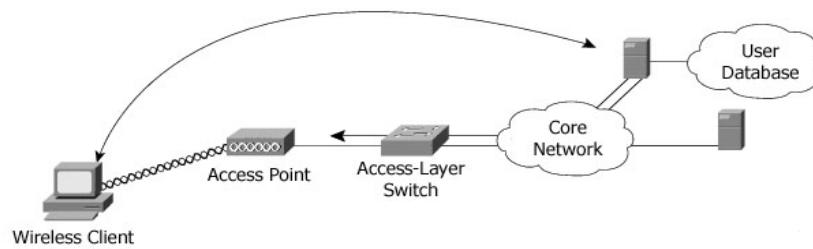
Integrated Intelligence

Edge-Edge Intelligence...

Client ↔ Access Point ↔ Core Network ↔ Backend Infrastructure

Identity-Based Network Services...

Centralised network access management



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Integrated Intelligence

Identity-Based Network Services (IBNS)...

“No ID, No Entry”

Dynamically VLAN Allocation

Resource Prioritisation

Strong Authentication

High Availability Fail-Over

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Interoperability

Cisco Certified eXtensions (CCX) v2.0 ...

“Intelligent” Clients
Centralised Reporting (RF / EMI)
Client Management
Corporate Security Policies

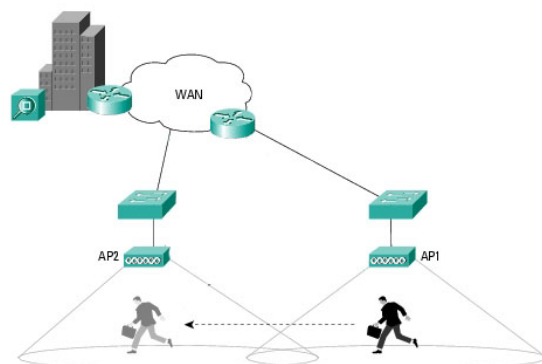


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Fast Secure Roaming

- Establishing secure data/voice channel can introduce initial network delay.
- Access Point hand-offs are typically > 300ms.
- Problems and dropouts occur in voice networks with > 225ms latency.



Cisco
Centralised
Key
Management

CCKM... <100ms Hand-Offs



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Centralised Management

Cisco's Wireless Domain Services (WDS)...

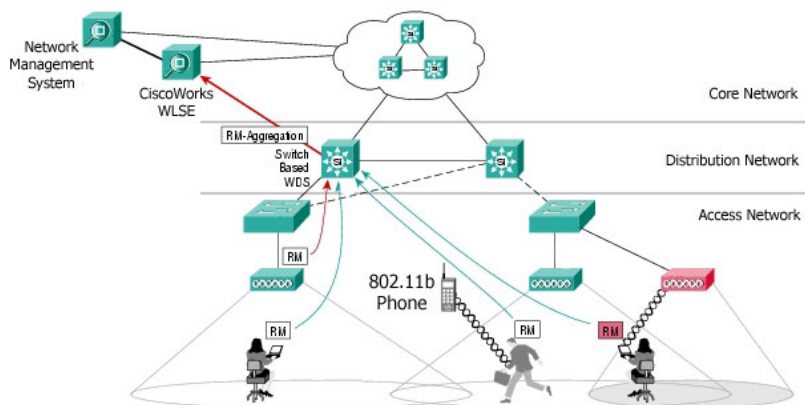
- Manage up to 2500 devices remotely**
- RF Monitoring / Rogue AP Detection**
- Security Policy Monitoring**
- Self Healing Wireless LANs**
- Troubleshooting and Diagnostic Tools**

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Centralised Management



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Centralised Management

Device List

The screenshot shows the 'Wireless LAN Solution Engine' web interface. On the left, a 'Device List' tree structure is visible, with 'AP350-1' selected. On the right, an 'AP Summary Report - AP350-1' is displayed, showing various device details.

AP Summary Report - AP350-1	
Name	AP350-1
Age Of	18:39:00 01/02/2004
MAC Address	0040965ae4e9
IP Address	10.10.1.51
Software Version	12.03T
Number of Clients Connected	0
Number of Bridges Connected	0
Number of AP Replicators Connected	0
Model	Cisco 350 Series AP 12.03T
SSID	demo2500
SSID associated to Native Vlan	
Radio Cell Role	AccessPointRoot

Device Information Summary

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Summary

Structured "Wireless-Aware" Networking...

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Thank You



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