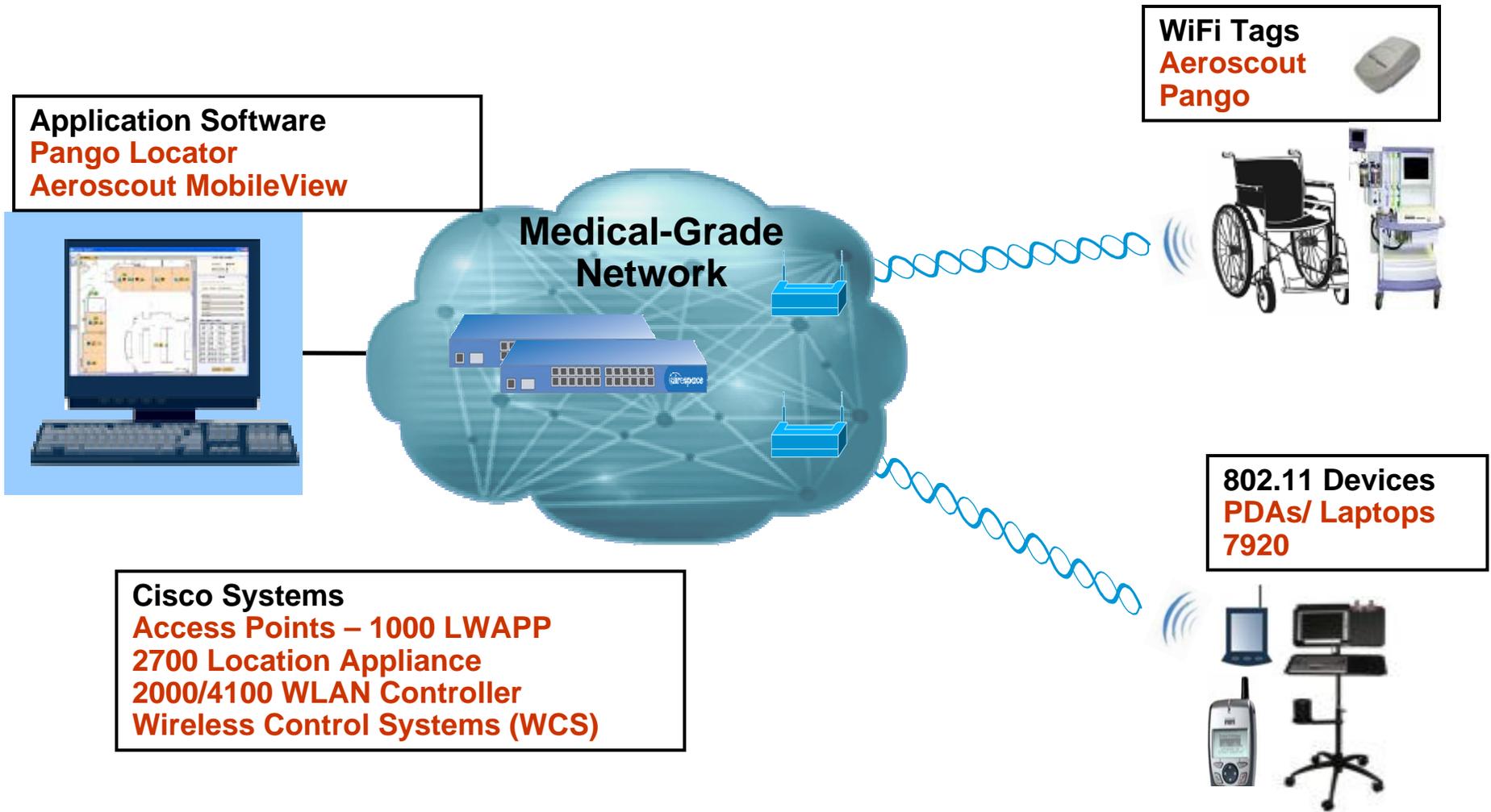


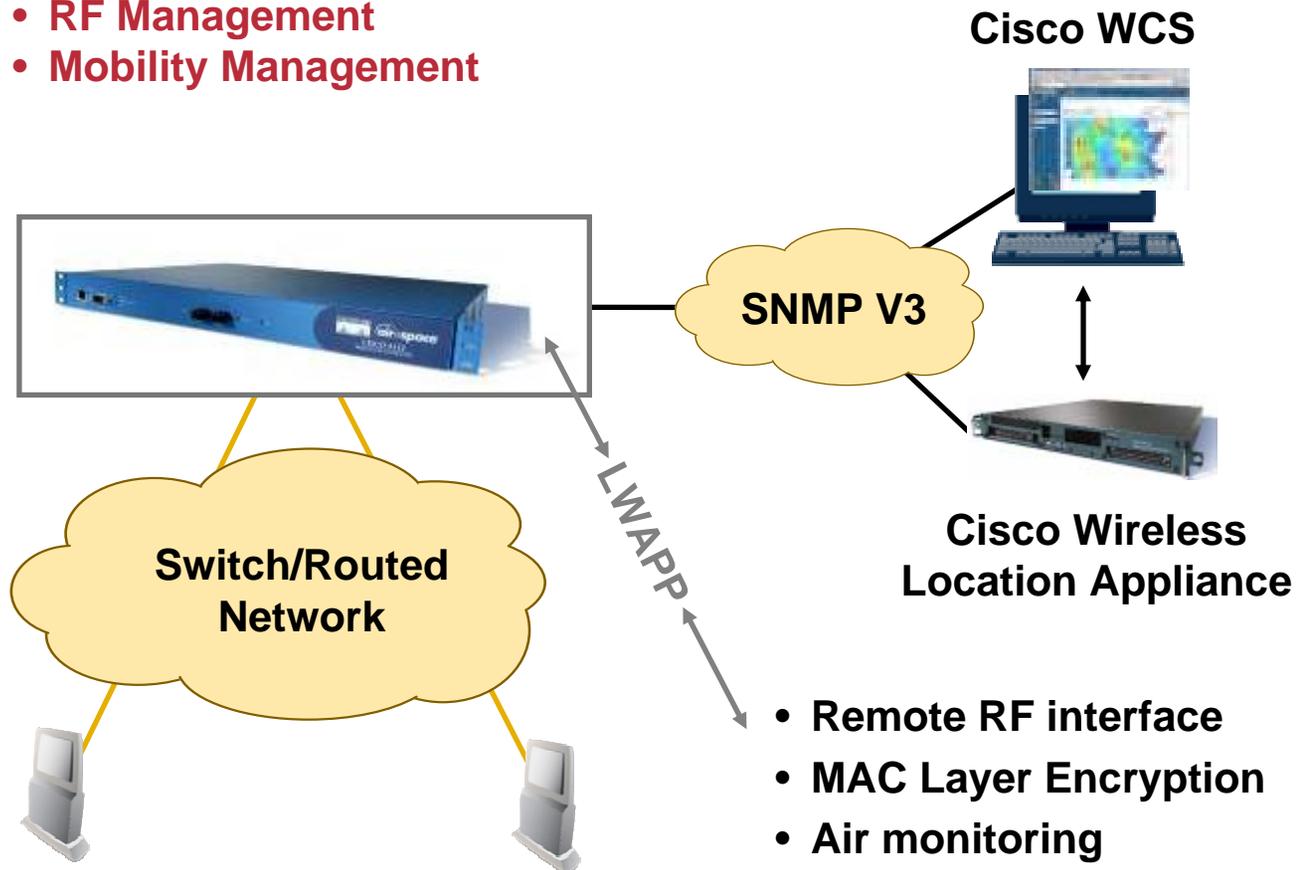
Clinical Connection Suite Location-Based Services

Location-Based Services

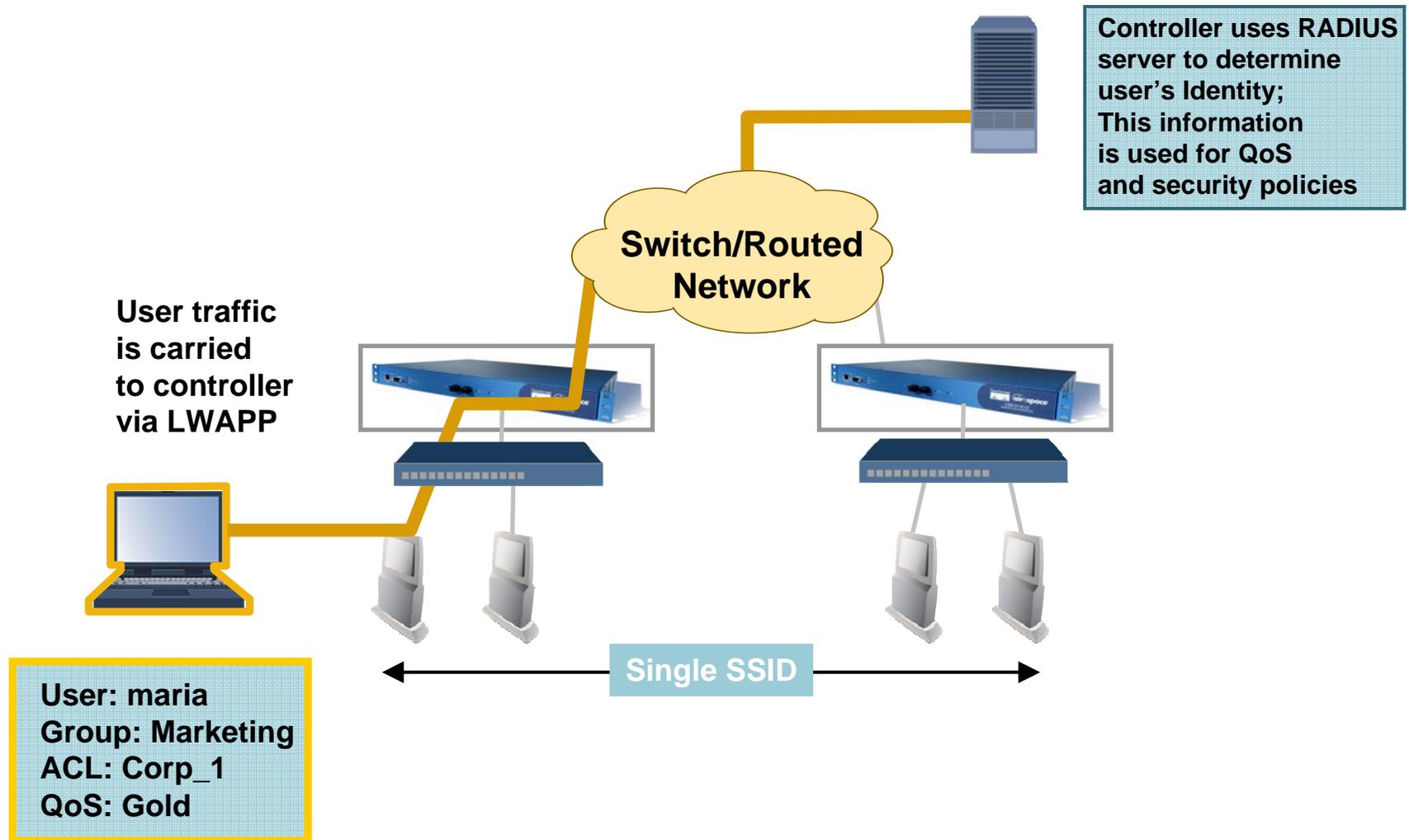


Cisco Centralized WLAN Solution Architecture

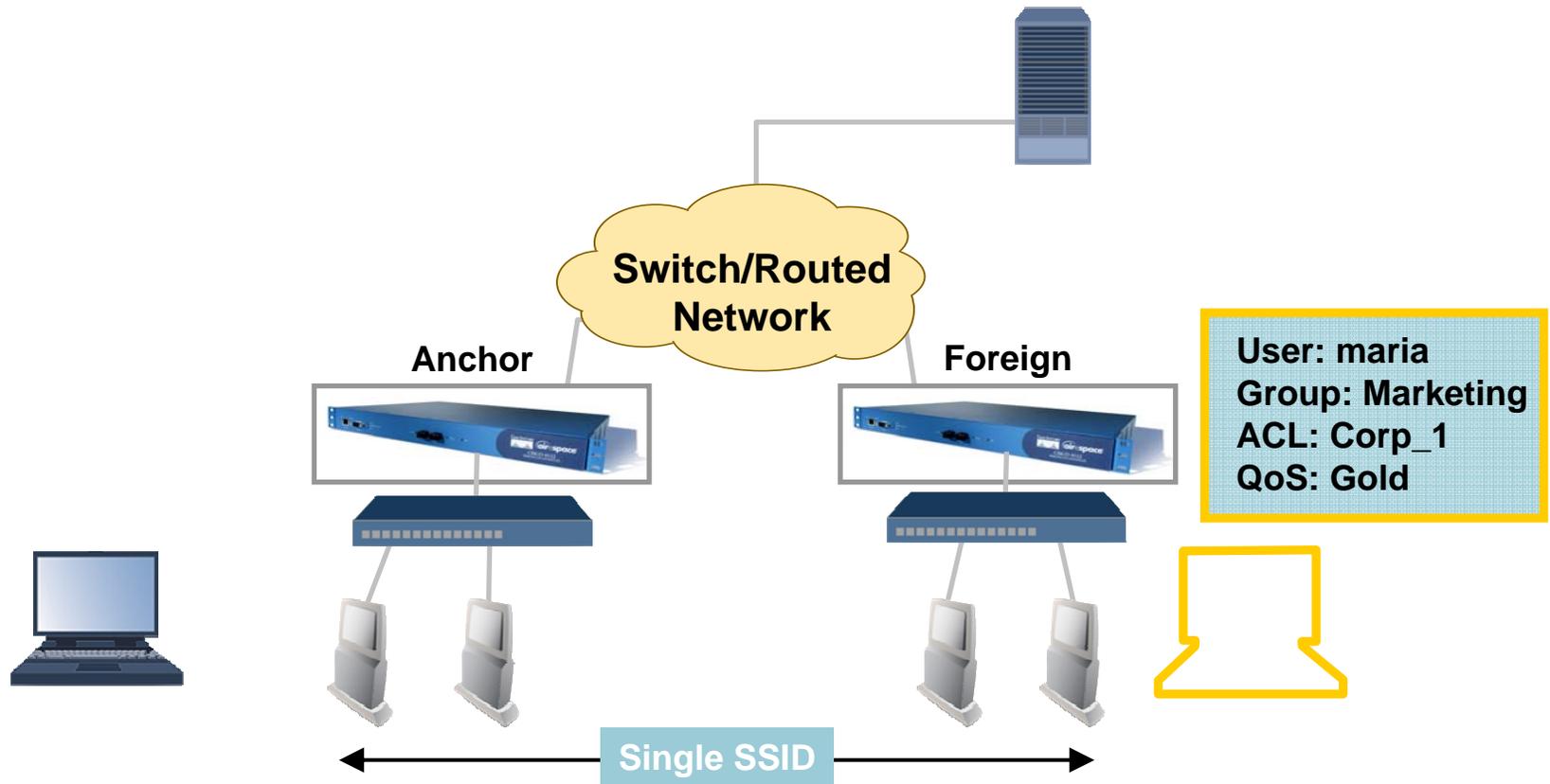
- Security Policies
- QoS Policies
- RF Management
- Mobility Management



Cisco Centralized WLAN Solution: Seamless Mobility



Cisco Centralized WLAN Solution: Seamless Mobility



**Controller Clustering Enables Context Information
to Follow Users as They Roam**

Location-Based Services Solution: Real-time Location Tracking

- RF fingerprinting for highly accurate device tracking
- No additional devices required for air monitoring
- WCS with location tracks a single device (on demand)
- Cisco Wireless Location Appliance enables simultaneous real-time tracking of thousands of devices within WCS

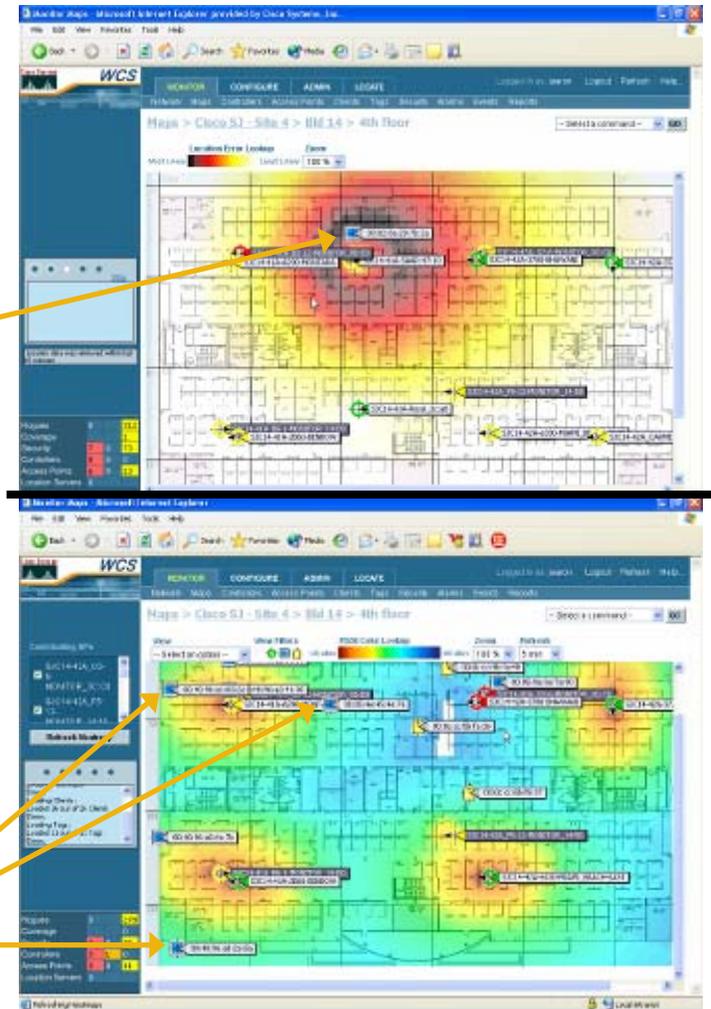
API for partner integration

Location history

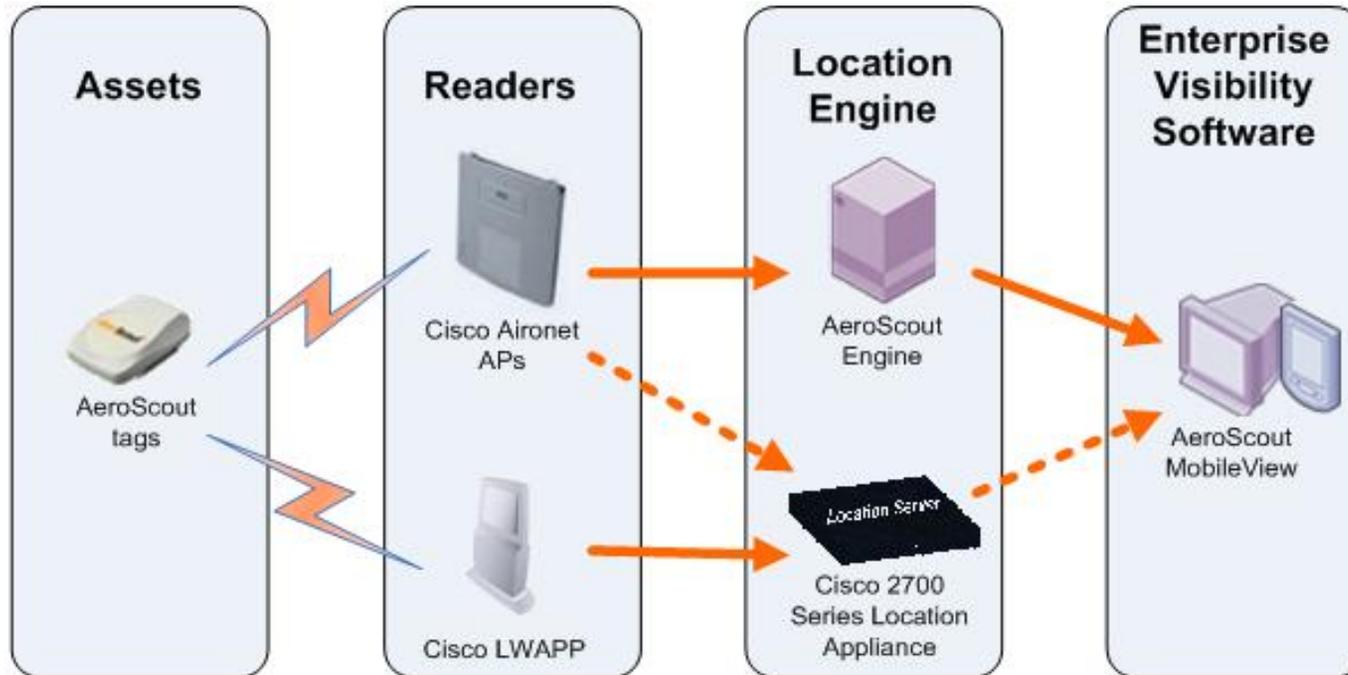
Scalable



**2270 Wireless
Location
Appliance**



AeroScout-Cisco Architecture



- 1) **Aironet APs (& 2700)** – tight indoor env't, existing Cisco infrastructure
- 2) **Airespace APs & 2700** – tight indoor env't, Cisco LWAPP infrastructure

In addition, AeroScout can extend either infrastructure to include accurate location in outdoor/wide-open indoor environments, with the same tag!

Products – AeroScout MobileView

AeroScout MobileView is the killer app that turns location data into something useful.

- ▶ **Configurable business event logic**

Create alerts based on 7 pre-defined types of location “events” (enter/exit, dwell, call button, overflow, etc.)

Alerting options include email, HTTP post, web services and voice

- ▶ **Intuitive web-based map and location searches**

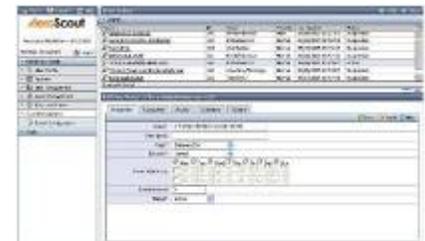
- ▶ **Flexible input and output**

Accepts location data from AeroScout Engine, Cisco 2700 (coming soon), GPS, Passive RFID, etc.

SOAP APIs for output to 3rd-party applications

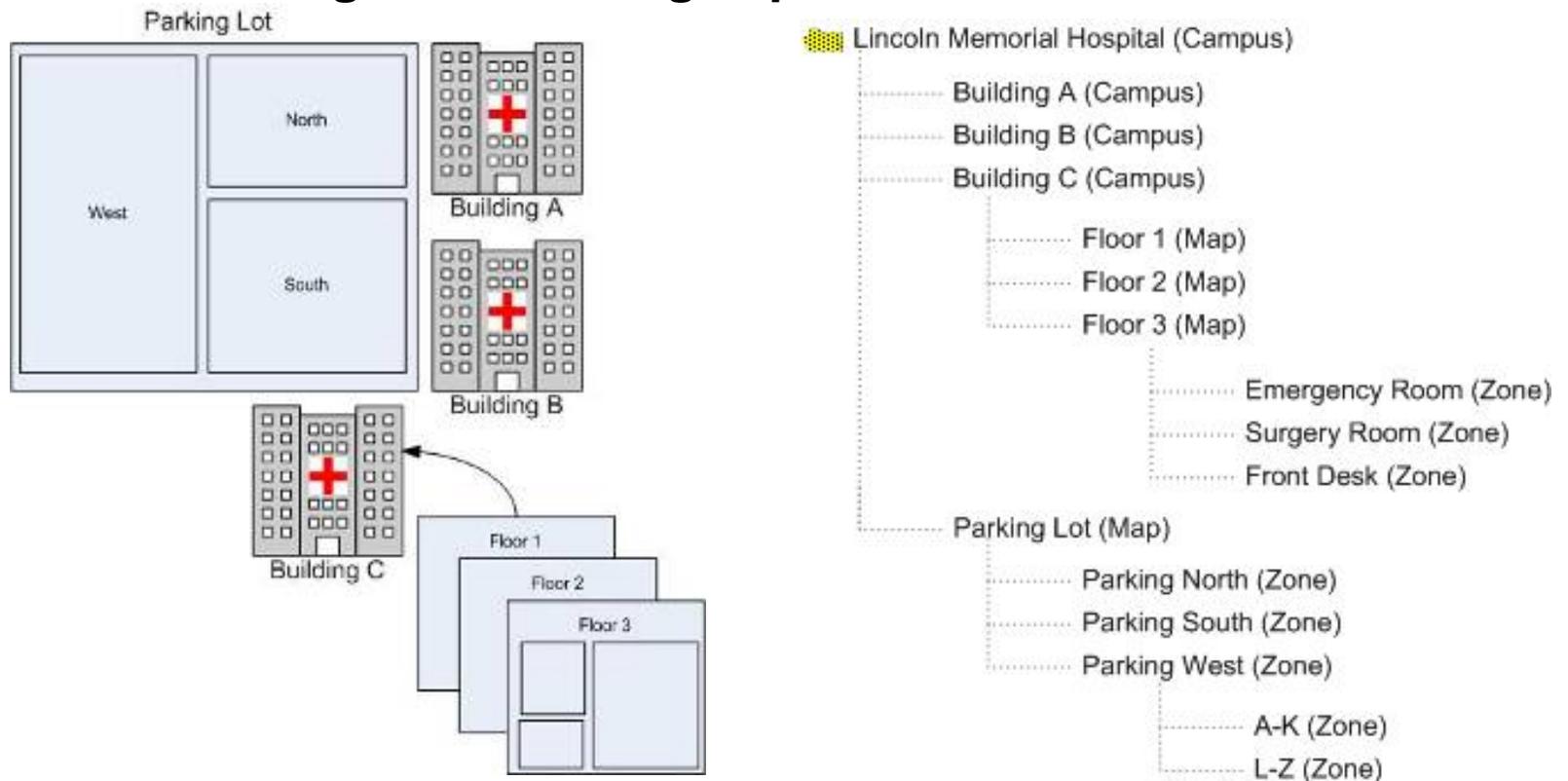
- ▶ **Supports enterprise deployments (many thousands of assets, clustering, redundancy, etc.)**

Scalable architecture: one MobileView for many sites



Maps & Zones Module

- Load maps from AeroScout Engine or from external source
- Define zones and sub-zones graphically
- Full zooming and scrolling capabilities



Location-Based Services Key Solution Components – Cisco

Centralized WLAN

Access Points: 1000 LWAPP

2700 Location Appliance

2000/4100 WLAN Controller

Wireless Control Systems (WCS)

Distributed WLAN

Access Points: 1100,1130,1200,1230,1300

Catalyst 6500 Series WLSM

CiscoWorks WLSE/WLSE Express

Location-Based Services

Key Solution Components – Partners

Application Software

Pango Locator

Aeroscout MobileView

WiFi Tags

Aeroscout T2 (International certifications)

Pango Locator LANtags (North America only)

Location Engine

Pango PanOS (centralized WLAN deployments)

Aeroscout Engine 3.0

WiFi Tags: small active RFID devices