

Integrated WLAN/LAN Security

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Merv Andrade, CTO
Aruba Wireless Networks
merv@arubanetworks.com

ARUBA
WIRELESS NETWORKS

Is Wireless a Networking Technology?

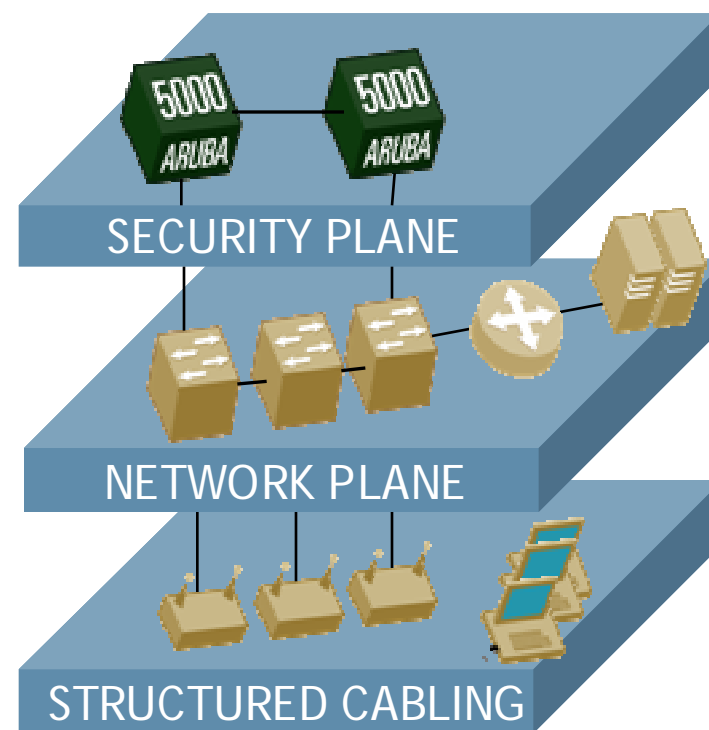
Networking is About Boxes, Ports and Connections

Access Points are a Part of Structured Cabling

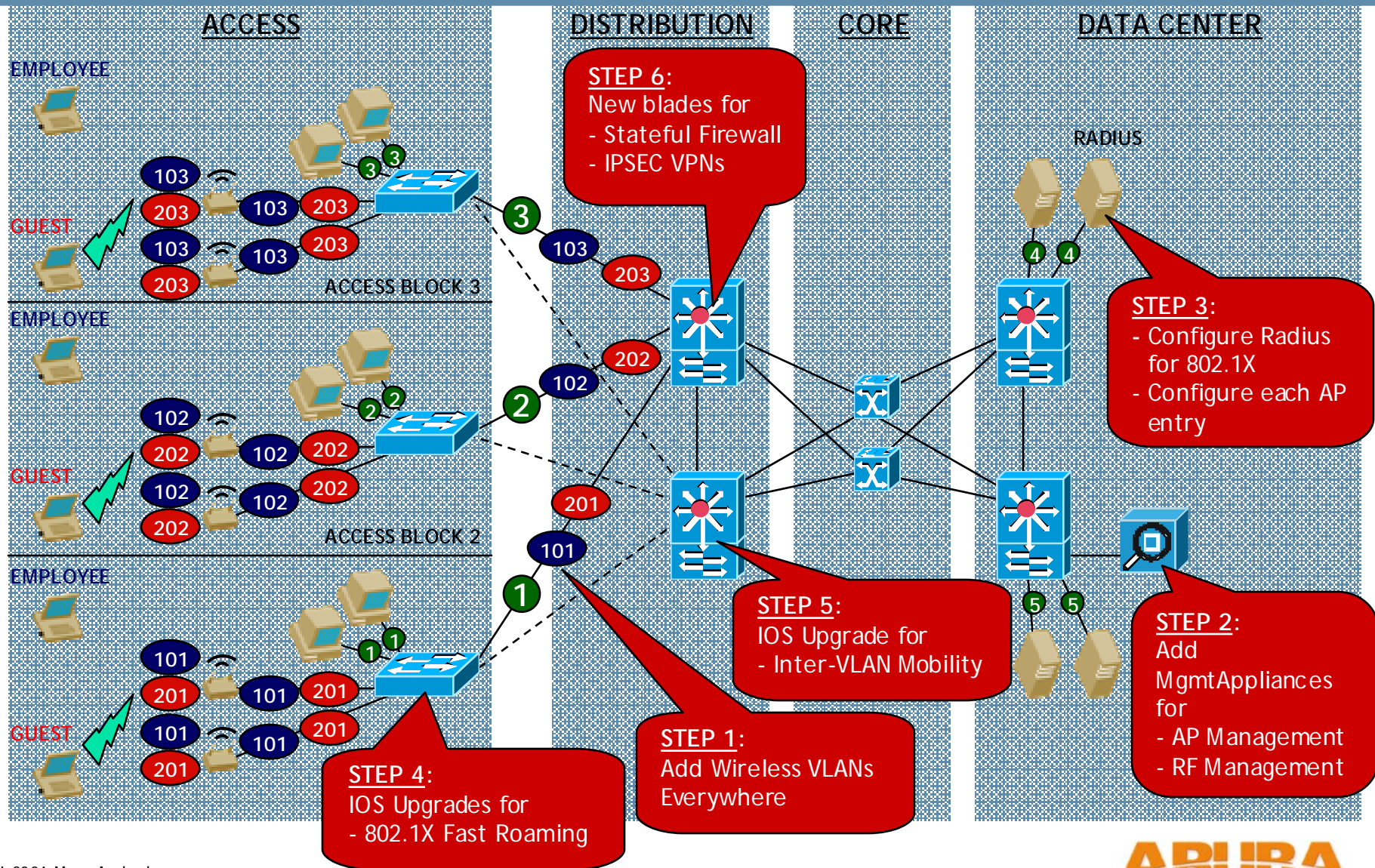
Wireless Is Entirely New:

- Everyone Must Authenticate
- Service Delivered Based Upon Identity
- Identity Based Services = Security
- Threat model evolving

Enterprise Wireless Is both **Networking**
And Systems mixed

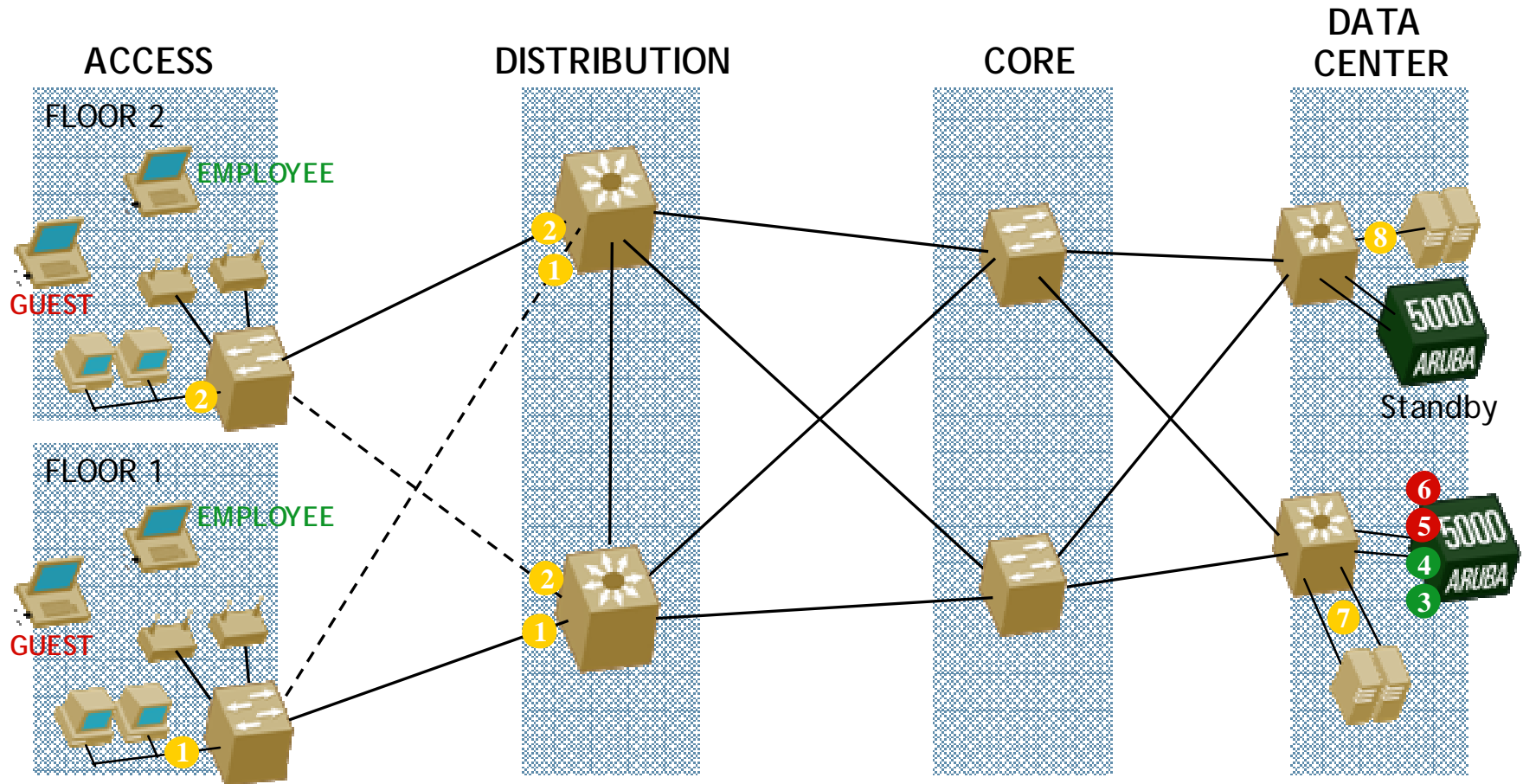


1st & 2nd Generation Enterprise WLANs - A Painful Proposition

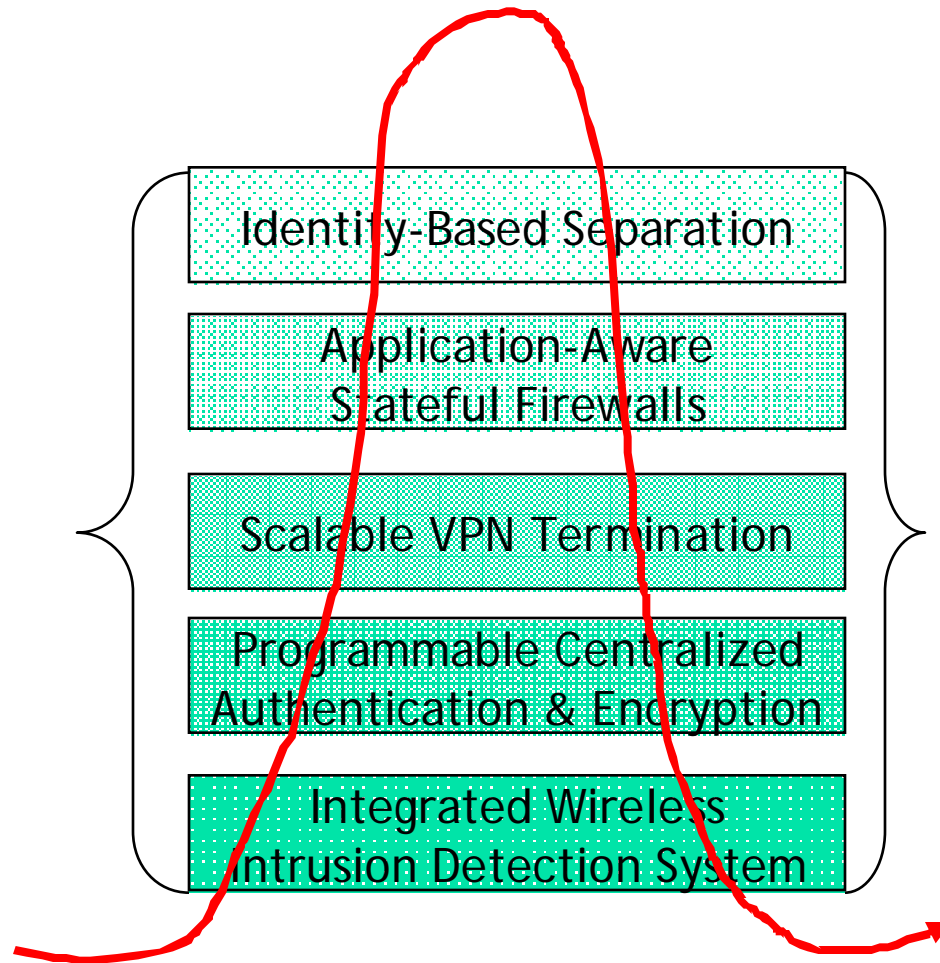


After: Centralized Wireless

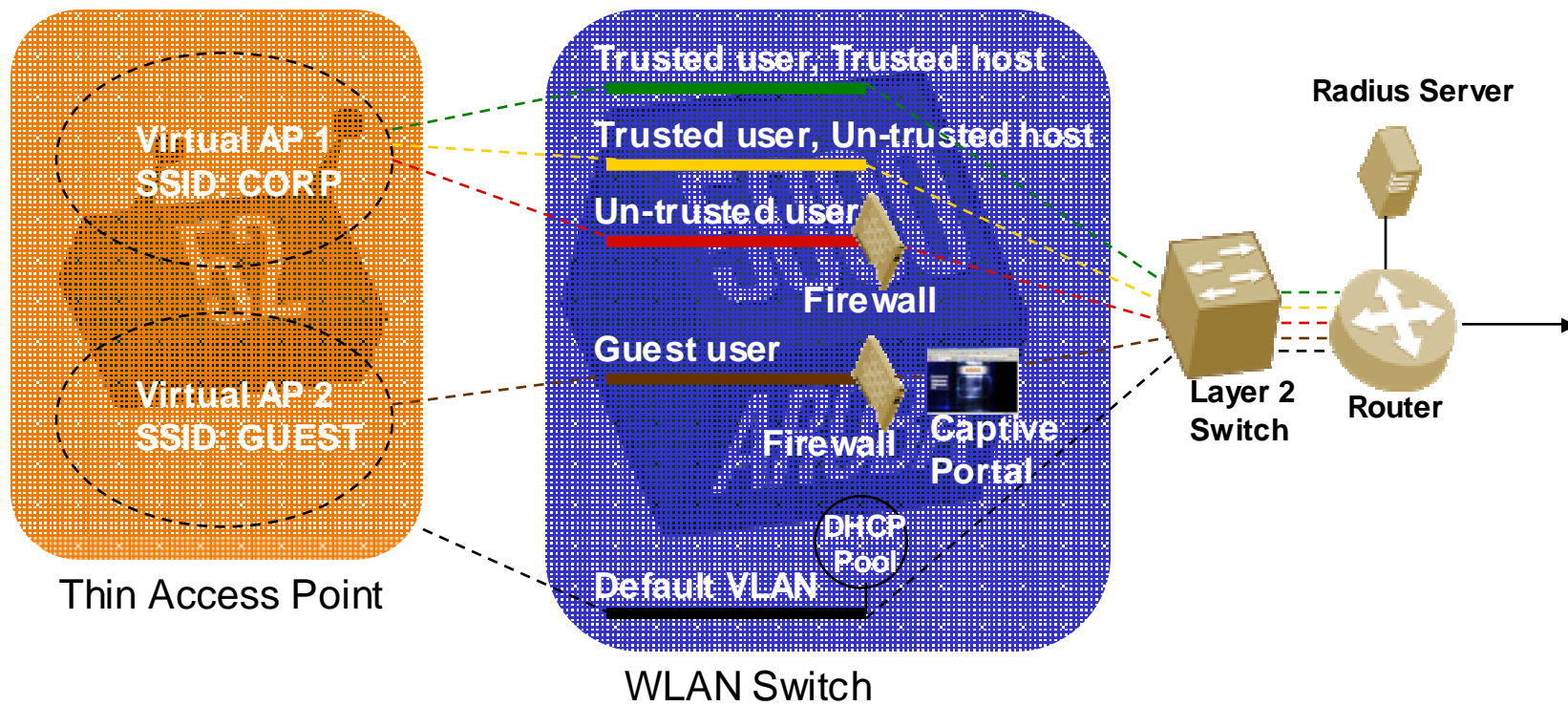
Simplified and Scalable with Wi-Fi Switching



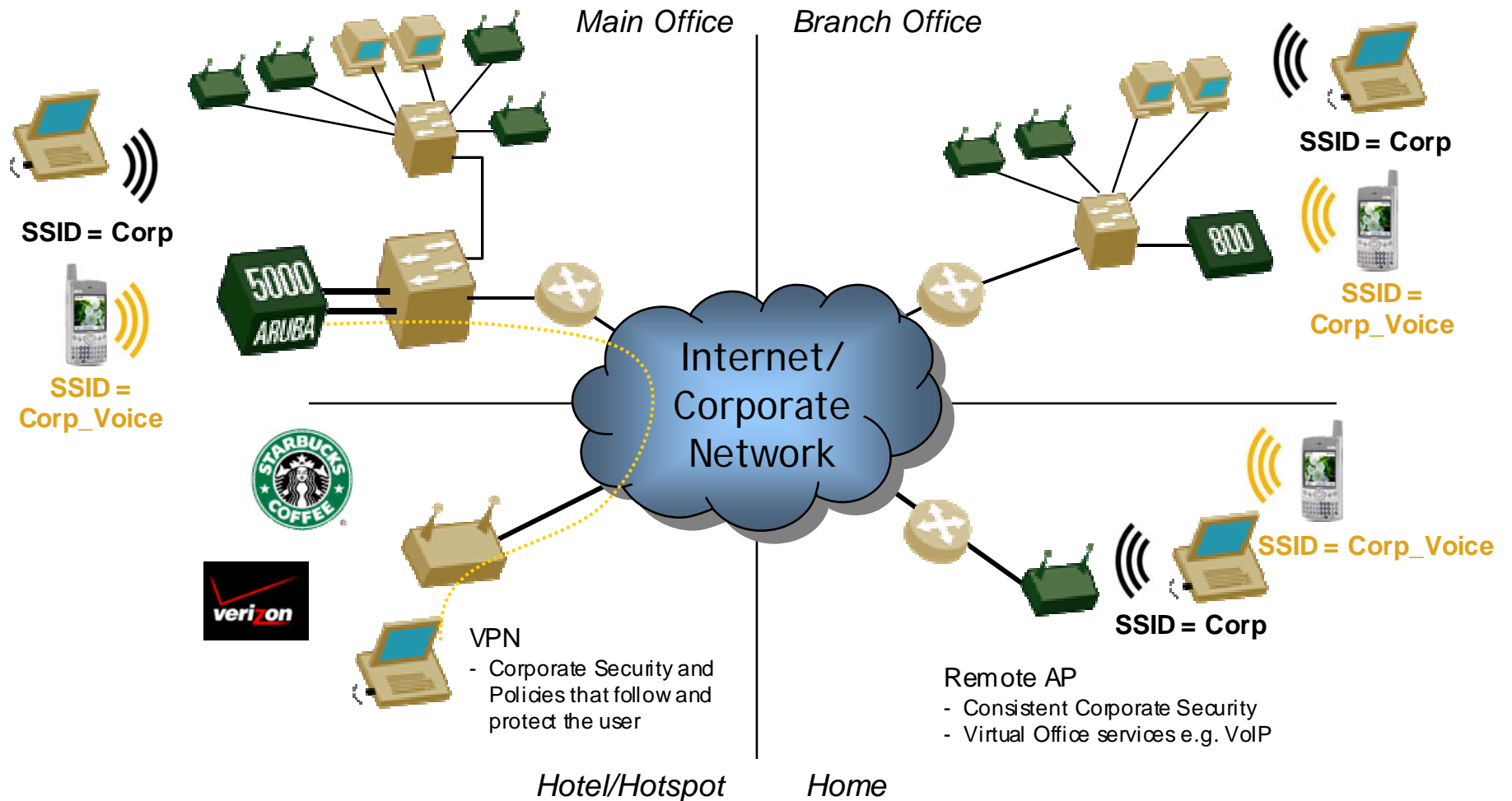
Secure Mobility - The threat model



Role-based Policies



Enabling the Virtual Wireless Enterprise



Top 10 List

Enterprises Architectural checklist

1. Avoid *Re-Architecting The Wired Network*
2. Serious *Performance* without Serious Bucks
3. Care About *Mobile Security*
4. *Lock the Air*
5. *Control* your client
6. *Gut the Cost* of Operations (help calls/upgrades...)
7. Secure WiFi *VOIP* with QoS
8. Virtualize Enterprise Resources/Access (*Separation*)
9. *Stateful Firewalls* to protect end-points from each other
10. Support a *Complex and ever-changing RF* Environment



Thank you !