



# Wireless Security and Management: New Challenges, New Opportunities

Panel Moderator:

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# Wi-Fi has grown pervasive

- Last year, chipset sales reached 300 million (InStat)
- By 2012, annual sales will top 1 billion (ABI)
  - 500 million embedded in mobile handsets
  - 700 million split between consumer electronics and traditional network computing equipment
- In 2007 WLAN State-of-the-Market Report, 76% of businesses had deployed Wi-Fi
  - 59% used Wi-Fi as office Ethernet replacement
  - 26% used Wi-Fi for warehouse/manufacturing
- VoWiFi APs to grow 93% through 2012 (ABI)



# Growth creates challenges

- Security continues to be critical
  - With WPA2, today's products are vastly improved
  - Nonetheless, security and reliability remain top concerns
- As business WLAN coverage and usage expands
  - So does complexity of RF, network, & device management
  - 802.11n and VoWiFi will make a tough task even tougher

<b>Two Biggest Challenges to Large-Scale Wi-Fi Deployment</b>	
Security Concerns	51%
Reliability/Stability Concerns due to unlicensed spectrum	24%
Having to separately manage & secure both wireless & wired networks	21%
Managing co-channel interference / dynamic nature of RF	18%

Source: WLAN State of the Market, August 2007

# How can we do better?

- Let's explore new wireless security and management approaches that can
  - Tackle new security & availability threats
  - Regain control over operations & maintenance
  - Scale and optimize performance
- Joining me on today's panel
  - David King, CEO, AirTight Networks
  - Greg Murphy, COO, AirWave Wireless, Inc.
  - David Cohen, Director of PM, Trapeze Networks