



Wireless Computing – Can it be done
securely?

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Agenda

- Trends
- Available Standards
- Wireless Acquisition Considerations
- Security Deployments
- Conclusion
- Questions

Trends

- Value Proposition
 - Service on demand
 - Increased & Wider adoption
 - Quicker deployments
 - Cheaper cost of deployment
 - Increased mobility
- How far can you go with wireless ?
- Facts & Fictions
- Open Access

Available Standards

- Applicability & Standards
- Available wireless technologies
 - Cellular – GPS, GSM, GCS
 - PDAs
 - Wireless Networks – WiFi, Wimax, WAP, 802.11A,B,G
 - VoWlan
 - RFID
 - Bluetooth

Wireless Adoption Considerations

- Conduct a Risk Assessment
 - Liability
 - Increased vulnerability to System, Network & Data compromise
 - Rogue Access Points
 - Open access / Authenticated Access
 - Regulatory breaches
 - Measure risk against functionality
- Business Insurance Cost
- Objective
- Reach
- Audience
- Technology

Security Deployments

- Defense in-depth strategy
 - Policy definition & Enforcement
 - Deployment guide/Framework
 - Configuration Options
 - Encryption
 - Network Physical & Logical Segmentation
 - Employee & Network Administrator Awareness Training
 - Centralized User Administration
 - Access Control Server
 - User & Device Authentication
 - Authorization
 - Accounting
 - **Audit**

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