

## Wireless Checklist

### Planning

#### User needs

- Can users get easy physical access?
- Do users have the right equipment?
- Can users get access to what they need?
- Is access easy enough?
- Is the network fast enough for users' needs?

#### Authentication

- Do you need it?
- If yes, what's the mechanism?
- Do users need to learn a new userid & password?

#### Encryption

- Do you need it?
- If yes, what's the mechanism?
- AP – based or VPN?

#### SSID

- Is it broadcast?
- Is it the only one?
- Should it be the only one?

#### Access Control List

- Do you need it?
- What's on it?
- Who will maintain and update it?

#### Interoperability

- Are you selecting a single vendor?
- Are you sticking to WiFi Certified vendors?

#### Rogue Access Points

- Do they matter?
- If yes, what will you do about them?

#### Legal concerns

- Any HIPAA, SB 1386 or other legal issues?
- If yes, what to do about them?

#### Contractual concerns

- Any contractual limitations on who can use services?
- If yes, what to do about them?

### Captive Portal

- \_\_\_\_\_ Do you need one?
- \_\_\_\_\_ If yes, commercial or Open Source?

### Vendors

- \_\_\_\_\_ Who do you choose?
- \_\_\_\_\_ Budget constraints?

### Calculating Costs

- \_\_\_\_\_ Access Points
- \_\_\_\_\_ Installation
- \_\_\_\_\_ Captive Portal
- \_\_\_\_\_ VPN
- \_\_\_\_\_ Laptop(s) and PDAs for testing
- \_\_\_\_\_ Troubleshooting time
- \_\_\_\_\_ Log analysis time
- \_\_\_\_\_ Upgrade time
- \_\_\_\_\_ Renewal costs

## **Implementation**

### Site survey

- \_\_\_\_\_ Coverage area
- \_\_\_\_\_ Identify obstacles and make allowances for signal attenuation
- \_\_\_\_\_ AC power necessary?
- \_\_\_\_\_ Existing network cabling available at proper locations?

### Testing

- \_\_\_\_\_ Existing wireless
- \_\_\_\_\_ Existing appliances
- \_\_\_\_\_ Signal strength
- \_\_\_\_\_ Stress capacity (video streaming, conferencing, large file transfer)

### Power over Ethernet

- \_\_\_\_\_ Available through existing switches?
- \_\_\_\_\_ How much to upgrade?

### Signage

- \_\_\_\_\_ User-relevant information
- \_\_\_\_\_ AP location, identifier
- \_\_\_\_\_ Contact information

### Evaluation

- \_\_\_\_\_ User log analysis
- \_\_\_\_\_ User surveys
- \_\_\_\_\_ Committee to plan for future