

Wireless LAN Administration Site Survey Questionnaire

Site Survey Questionnaire

Customer Name: _____

Point of Contact: _____

Address: _____

Main Facility Phone Number: _____

Contact Direct Phone Number: _____

Contact Cell Phone Number: _____

Contact Email Address: _____

Contact Fax Number: _____

Interview type: In Person Phone Email

Site Survey Definition

A site survey is a task-by-task process by which the surveyor discovers and records the RF behavior throughout a facility. This information includes coverage, interference, and proper hardware placement within the facility. Site surveying involves analyzing a site from an RF perspective to determine what kind of RF coverage and hardware is required for a facility to meet the business goals of the customer.



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Existing RF Network Information

Has a site survey ever been performed at this facility prior to today?

YES NO

Will any previous site surveys be made available to our staff?

YES NO

Existing Equipment at customer premises (Choose all that apply)

- | | |
|--|--------------------------------------|
| <input type="checkbox"/> 802.11 DSSS | <input type="checkbox"/> 802.11B |
| <input type="checkbox"/> 802.11 FHSS | <input type="checkbox"/> 802.11A |
| <input type="checkbox"/> 802.11 Infrared | <input type="checkbox"/> 802.11G |
| <input type="checkbox"/> OpenAir FHSS | <input type="checkbox"/> Other _____ |

How many existing users on the Wireless LAN? _____

How many users are there expected to be in the near future?

6 months _____
12 months _____
24 months _____

Are there any peak and/or off-peak times at which certain users access the wireless LAN more than other times?

YES NO

What are the peak times? _____ to _____

What are the off peak times? _____ to _____

How many users does a typical access point support during peak use? _____

How many access points are currently in place? _____

What brand(s) of access points and wireless bridges are currently in place?

Are there any existing contracts for certain brands of wireless LAN hardware in place?

YES NO

Are the existing access points performing load balancing?

YES NO

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What kind of Wireless LAN security solution(s) are currently in place? (Select all that apply)

- | | | |
|-----------------------------------|---|---|
| <input type="checkbox"/> None | <input type="checkbox"/> Kerberos | <input type="checkbox"/> EWG |
| <input type="checkbox"/> WEP | <input type="checkbox"/> RADIUS | <input type="checkbox"/> EEG |
| <input type="checkbox"/> LEAP | <input type="checkbox"/> LDAP | <input type="checkbox"/> Firewall |
| <input type="checkbox"/> EAP-TLS | <input type="checkbox"/> Active Directory | <input type="checkbox"/> Router/L3 Switch |
| <input type="checkbox"/> EAP-TTLS | <input type="checkbox"/> NDS | <input type="checkbox"/> Other _____ |
| <input type="checkbox"/> PEAP | <input type="checkbox"/> VLANs | |
| <input type="checkbox"/> VPN | <input type="checkbox"/> WVPN | |

What type of wireless LAN environment is currently in place? (Choose all that apply)

- Campus
- In-building
- Building-to-Building
- MAN
- Other _____

Current problems with the existing wireless LAN? (Choose all that apply)

- Slow throughput
- Frequent disconnects
- Difficulty roaming
- Logon problems
- Other (explain thoroughly, and include documentation if available)

If the existing WLAN is having problems, has any troubleshooting of the existing problems been performed yet?

- YES NO

Are there any known sources of RF in or around the facility?

- YES NO

Source 1: _____

Source 2: _____

Source 3: _____

Are there any known RF dead zones?

- YES NO

If yes, attach documentation showing location(s) of dead zone(s).

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RF Network Design

What applications are/will be used over the wireless LAN?

- Voice
- Video
- Connection-oriented Data
- Connectionless Data
- Other _____

Do users roam across routed (layer 3) boundaries?

- YES
- NO

What types of wireless client devices will be used?

- Laptops
- Desktops
- Handheld / PDA
- Scanners
- Thin Clients / Terminals
- Other _____

Are clients mounted on vehicles of any type?

- YES
- NO

Explain _____

Is wireless printing a requirement?

- YES
- NO

Explain _____

What network protocols and traffic types are in use over the wireless LAN?

- IP
- IPX
- Routing protocols
- Internet traffic
- Other _____

Are switches or hubs used for network access?

- Switches
- Hubs

Are there enough available network access ports to accommodate the access points?

- YES
- NO

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Are access points to be powered directly by AC power sources or is Power over Ethernet going to be used?

- AC
- PoE

What subnet(s) will be assigned to the wireless network?

- Private IP subnet
- Public IP subnet
- Subnet Information: _____

Will a naming scheme for wireless infrastructure devices be provided by the customer?

- YES
- NO

Describe the naming conventions, and/or provide examples or naming convention documentation.

How will the wireless network be managed?

- SNMP
- HTTP / HTTPS
- Telnet
- Console / Serial port
- Custom application



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Site Survey Request

What type of site survey is necessary?

- Indoor Outdoor

Will production application analysis required? (Without this analysis, proper application functionality cannot be guaranteed.)

- YES NO

Application(s): _____

If indoors, what kind of facility?

- Warehouse
 School
 Multi-tenant Office Building
 Manufacturing Plant
 Hospital
 Other _____



If outdoors, is this a point-to-point or point-to-multipoint connection? What distance(s)?

- Point-to-Point _____
 Point-to-Multipoint _____

Are there other organizations in or around your building using wireless LANs?

- YES NO

Need verification _____

Are Blueprints, Floor Plans, Campus Map, or other Topology Map available?

- YES NO

Which technology is the customer considering for the new installation? (Choose all that apply)

- 802.11
 802.11A
 802.11B
 802.11G
 Other _____

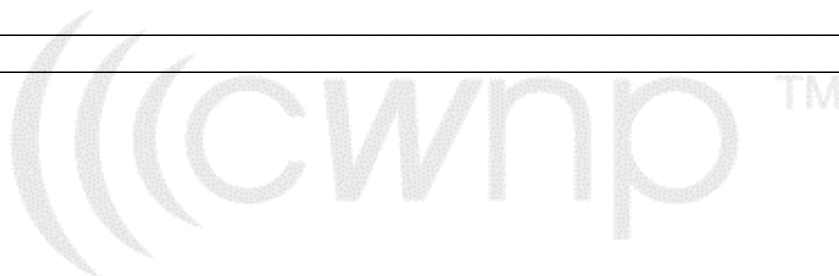


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Expected or Required Data rate (in Mbps)

- OpenAir FHSS 0.8 1.6
HomeRF 0.8 1.6 5 10
802.11 FHSS 1 2 Proprietary _____
802.11A 6 9 12 18 24 36 48 54 Proprietary _____
802.11B 1 2 5.5 11
802.11G 1 2 5.5 11 6 9 12 18 24 36 48 54
- Other _____

Additional information :



Wireless LAN Administration Site Survey Questionnaire

Special Stipulations

HIPAA:

US Government

State Government:

Worker's Union

OSHA

Other:

