

Network Qualification Checklist for installing ESI remote VoIP products

Introduction

The performance of a remote link is highly dependent on the type of data connection from the remote site to the main office. When installed with a suitable high-speed connection, an ESI VoIP product provides high-quality audio with virtually all the same features available on the IP Feature Phones installed in the main office. However, if installed with an inadequate data connection, the remote connection will give the user poor sound quality and unreliable operation.

Fill out the attached Network Qualification Checklist (**or** the Web-based version on the password-protected ESI Resellers' Web site, at www.esiresellers.com/netcheck.php). ESI Sales Engineering will use this information to help you determine whether there is an adequate data connection between the remote site and the main office. Therefore, you **must** complete the Network Qualification Checklist (printout or Web-based) and submit it to ESI Sales Engineering **before** ordering.

Important: The *Remote IP Feature Phone Product Overview* (ESI part # 0450-0213) provides an explanation of the network issues addressed on the Network Qualification Checklist. Read and be familiar with this document **before** completing the Network Qualification Checklist.

Many customers (or their network administrators) are very knowledgeable on the specifics of their dedicated or Internet connection. However, we recommend that you contact the service provider directly to verify the service connection information. For a site that will require the installation of a data connection, contact the service provider concerning the types of service that are available at that location.

Contact ESI Sales Engineering at 800 850-2151 for additional assistance in evaluating potential installation sites.

If you use the attached Network Qualification Checklist rather than the Web-based version mentioned above, send the complete Checklist to ESI Sales Engineering by faxing it to 972 422-9705.¹

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¹ Alternatively: if you have a scanner, you may e-mail a .JPG- or .BMP-format scan of the completed Network Qualification Checklist to se@esi-estech.com. Scan the document in black-and-white only — *i.e.*, **not** grayscale or color — at a resolution of 200 dpi or better.

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Reseller (company name): _____

Contact name: _____

Phone number: _____ Fax number (if faxing this Checklist): _____

E-mail address (*name@isp.com* format): _____

Site name: _____ Survey date: _____

Number of IP Feature Phones planned: _____ Esi-Link planned? Yes No

1. Cable installation: Category 5 Category 3
2. What type of Ethernet? 100Base-T full-duplex 100Base-T half-duplex
 10Base-T full-duplex 10Base-T half-duplex
3. LAN design (check all that apply): Shared Switched VLAN
4. Current bandwidth utilization in percentage (on busiest segment): _____ %
 - 4a. Total number of PCs (hosts) on network: _____
 - 4b. Network protocols: IP IPX NetBEUI Other _____
5. How many buildings or sites will be included in THIS installation? _____
6. Are there plans to install IP Feature Phones (local or Remote) at any of the OTHER sites? Yes No
7. Enter the appropriate information in the table below for ALL ESI equipment purchased for this site:

Note: Under "Network connection type," use one of the following choices:
 • ADSL • SDSL • Frame Relay • Wireless symmetric-return • Cable modem
 • T-1 • ISDN 128 • ISDN dial-up • Other [specify in 8, "Comments"].

ESI equipment (IP KSU or Remote Phone)	Network connection type (see Note, above)	IP addressing (Static, DHCP, or PPPoE)	Available bandwidth (specify Kbits or Mbits)	Router make and model

8. **Comments** — Use this space to add any other pertinent information regarding the installation details (such as explaining an "Other" answer under "Network connection type" in Question 7):

9. Is this a VPN? Yes No