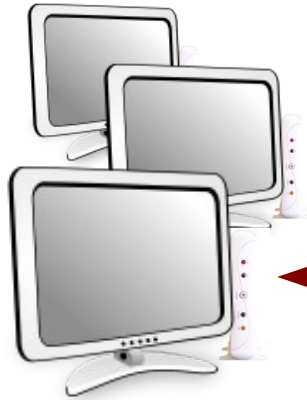


Using The Symbiont Boot Appliance™ to Deploy a Suse/Novell™ Linux Desktop

The Symbiont Boot Appliance

Symbiont Certified
Diskless Thin Clients



10/100 links



eth0

10/100 switch

Gigabit link suggested



Application
Server

To existing
network, Internet,
or WAN

X-traffic only

Up to 250 Diskless Thin Clients
can be booted up by an SBA.

- The Symbiont Boot Appliance (SBA) boots up, then connects Diskless Thin Clients to the Novell Linux server.
- No large OS image or software is pushed to the Diskless Thin Clients.
- The Novell server only needs to “allow remote XDMCP connections”. The SBA eliminates the need for 3rd party software installation, configuration, and management.
- Only uncompressed X-traffic flows directly to/from the server to the desktop resulting in multimedia rich performance.
- The server, SBA, and Diskless Thin Clients are on the same network subnet. (note: other configurations are possible)
- The server has 2 NICs. One provides the Linux desktop; the other connects to the existing network or the internet.
- A standard 10/100Mbps switch can be used, however gigabit links to the server are suggested
- The Linux server is the only point of administration and management.
- The SBA's second NIC (eth1) can be connected to the network for remote administration and for firmware updates.
- The SBA's eth0 NIC runs a DHCP server and responds to boot-up requests from the Diskless Thin Clients.
- The SBA's DHCP server can be used for the Diskless Thin Clients as well as other network attached devices.

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Symbio Technologies
134 North Avenue, Suites E & F
New Rochelle, NY 10801
t. (914) 576-1205 f. (914) 576-0944
sales@symbio-technologies.com
www.symbio-technologies.com

