

[intr0]

The nortel phone system was developed by northern telecommunications. It's a system that uses a main computer, an administrative phone, and regular phones as nodes. It's a very useful system, and is increasing in popularity in businesses and schools.

[the netw0rk]

The network consists of a computer for advanced features, an administrative phone which is like a sysop phone, a pbx which handles the extensions, zones which handle groups of nodes, and phones for nodes.

main computer - this handles the advanced features. It is normally a PC box running a nortel operating system. The nortel system is essentially a run off DOS. It uses ascii and ansi, and navigating through it is similar to using cgi forms in lynx. It's an efficient system, with no added shit to slow it down.

administrative phone - this is where all the calls are filtered through. If the network has an admin phone, the administrator is capable of disabling features remotely. When a page comes through, it can be stopped by the administrator, only through the admin phone.

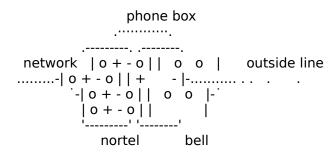
pbx - it's a fucking pbx. public branch exchange. This is essentially the entire physical phone network.

zone - this handles a group of nodes. it's for addressing groups of phones. A zone can be assigned privaledges. A zone can be disabled through the admin phone.

node - this is a phone on the network.

[z0nes]

On the nortel network, zones are connected directly to the PBX through the phone box. There is normally a single outside line, and then a block of about 10 ring and tip terminals, and then red and black. The nortel switch is connected to the network. The bell switch, or the phone box is connected to the network, and to the outside line. This allows the network to call out, and the outside line to call in.



[n0des]

Each node is a nortel model phone. It has a few things that a normal phone might not. There is an LCD screen, Built in CallerID, Speeddial, Features, and Speakerphone.

The LCD screen is for prompts and CallerID and messages. It displays the Time and Date, and can even scroll a MOTD. The CallerID message says the extension, the zone, and the phone number.

The Features button allows the user access to a broad range of programmable features. It can even access the background music and play it over the speaker.

[feat0res]

the nortel system is full of features that can be used to do tasks on and off the phone. There's a feature that even allows for paging. I scanned a few at my school, and I found some good results.

ftr - 0	speeddial
ftr - 66	voicecall
ftr - 85	do not disturb
ftr - #85	take off do not disturb
ftr - 630	page all zones
ftr - 63, zone	paging
ftr - 86	background music
ftr - #86	I turn off background music

ftr - *7, node | transfer ftr - 65 | check voice mail