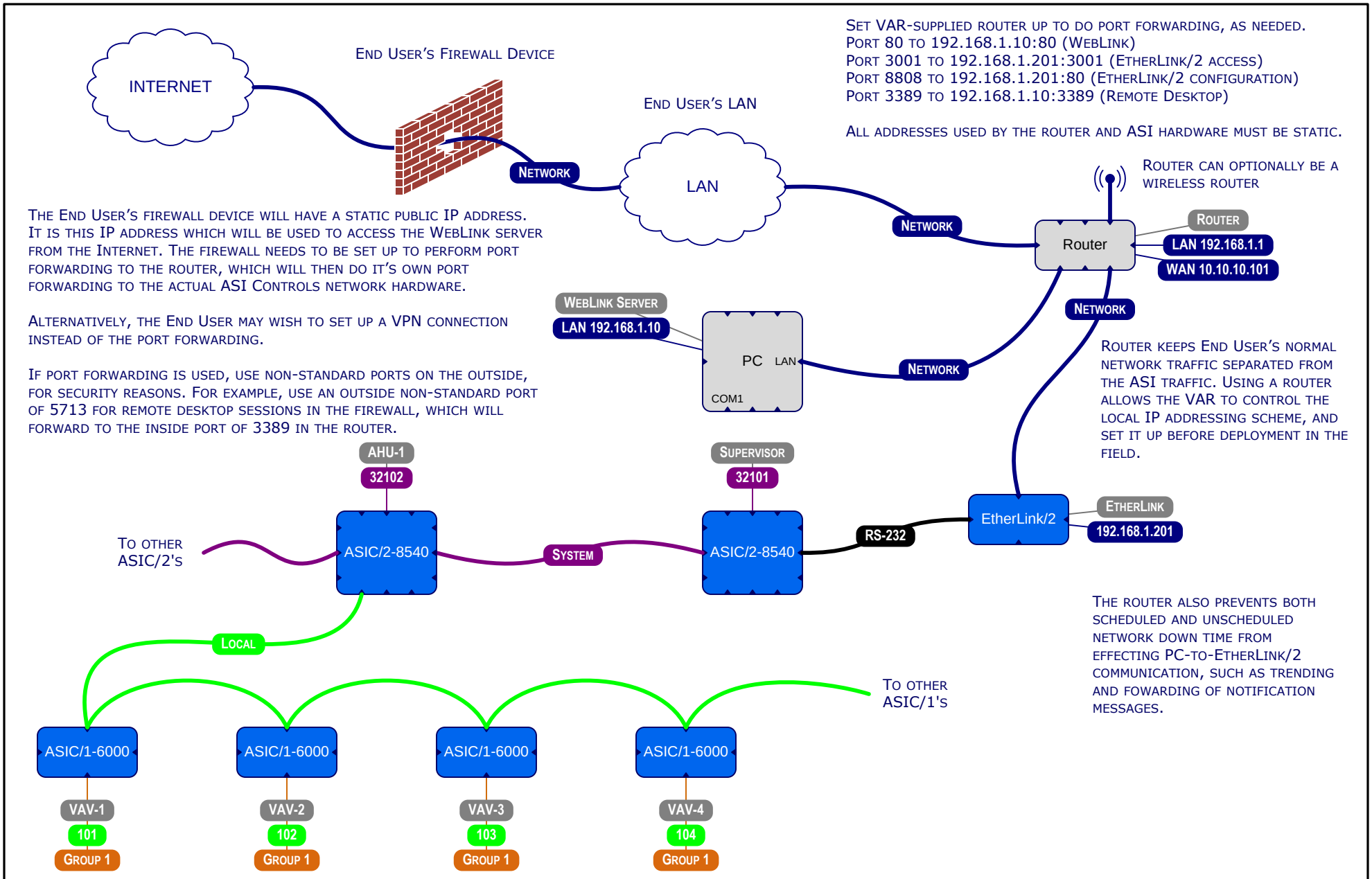

SET VAR-SUPPLIED ROUTER UP TO DO PORT FORWARDING, AS NEEDED.
PORT 80 TO 192.168.1.10:80 (WEBLINK)
PORT 3001 TO 192.168.1.201:3001 (ETHERLINK/2 ACCESS)
PORT 8808 TO 192.168.1.201:80 (ETHERLINK/2 CONFIGURATION)
PORT 3389 TO 192.168.1.10:3389 (REMOTE DESKTOP)

ALL ADDRESSES USED BY THE ROUTER AND ASI HARDWARE MUST BE STATIC.

ROUTER CAN OPTIONALLY BE A WIRELESS ROUTER

THE END USER'S FIREWALL DEVICE WILL HAVE A STATIC PUBLIC IP ADDRESS. IT IS THIS IP ADDRESS WHICH WILL BE USED TO ACCESS THE WEBLINK SERVER FROM THE INTERNET. THE FIREWALL NEEDS TO BE SET UP TO PERFORM PORT FORWARDING TO THE ROUTER, WHICH WILL THEN DO IT'S OWN PORT FORWARDING TO THE ACTUAL ASI CONTROLS NETWORK HARDWARE.

ALTERNATIVELY, THE END USER MAY WISH TO SET UP A VPN CONNECTION INSTEAD OF THE PORT FORWARDING.

IF PORT FORWARDING IS USED, USE NON-STANDARD PORTS ON THE OUTSIDE, FOR SECURITY REASONS. FOR EXAMPLE, USE AN OUTSIDE NON-STANDARD PORT OF 5713 FOR REMOTE DESKTOP SESSIONS IN THE FIREWALL, WHICH WILL FORWARD TO THE INSIDE PORT OF 3389 IN THE ROUTER.

ROUTER KEEPS END USER'S NORMAL NETWORK TRAFFIC SEPARATED FROM THE ASI TRAFFIC. USING A ROUTER ALLOWS THE VAR TO CONTROL THE LOCAL IP ADDRESSING SCHEME, AND SET IT UP BEFORE DEPLOYMENT IN THE FIELD.

THE ROUTER ALSO PREVENTS BOTH SCHEDULED AND UNSCHEDULED NETWORK DOWN TIME FROM EFFECTING PC-TO-ETHERLINK/2 COMMUNICATION, SUCH AS TRENDING AND FOWARDING OF NOTIFICATION MESSAGES.

TITLE	WEBLINK LAN LAYOUT OVERVIEW		
DATE	2008-DEC-06	SCALE	None
DRAWN BY	PDL		
NUMBER	ASI-2		

ASI Controls

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