

BASIC POINTS OF CONCERN FOR NETWORKING

- DO's:
 - CENTRALIZED CONTROL POINT FOR ALL IP ADDRESS ASSIGNMENTS.
 - PLAN ALL NETWORK GROWTH.
 - ENSURE THAT THERE IS AN UP-TO-DATE NETWORK MAP AT ALL TIMES.
 - FOR THE COMPLETE BUSINESS ENVIRONMENT.
 - EACH NETWORK DEVICE SHOULD RECORD:
 - IP ADDRESS
 - SUBNET MASK
 - DEFAULT GATEWAY
 - MAC ADDRESS
 - PHYSICAL LOCATION
 - CLEARLY IDENTIFY DNS SERVERS AND/OR IP ADDRESS RESOLUTION PLAN.
 - CLEARLY DEFINE EACH RESTRICTED IP ADDRESS NETWORK, IDENTIFY:
 - OWNER
 - NETWORK DEFINITION
 - SECURITY LEVEL
 - NETWORK ACCESS
 - DESIGN BACKUP PLAN TO INCLUDE NETWORK DEVICE SETTINGS.
 - DESIGN NETWORK POWER SUPPLY TO MEET REQUIREMENTS OF EQUIPMENT RESIDING ON THE NETWORK.
 - IDENTIFY ALL EXTERNAL NETWORK CONNECTION POINTS.
 - INTERNET
 - CUSTOMER ACCESS
 - VENDOR ACCESS
 - OTHER THIRD PARTY ACCESS POINTS
 - SECURITY:
 - USERID/PASSWORD ALL NETWORK DEVICES
 - DEVELOP AND IMPLEMENT FIREWALL METHODOLOGY
 - DEVELOP AND IMPLEMENT DMZ METHODOLOGY
 - UNDERSTAND, PLAN AND DOCUMENT ALL HOLES PUNCHED INTO FIREWALL
 - BUILD IN NETWORK REDUNDANCY.
- DON'TS:
 - DO NOT ALLOW UNPLANNED PROLIFERATION OF NETWORK DEVICES.
 - DO NOT ISSUE STATIC IP'S WITHIN A DHCP CONTROLLED NETWORK RANGE.
 - DO NOT USE DEFAULT PASSWORDS
 - DO NOT LOSE CONTROL OF NETWORK USERID'S AND PASSWORDS.
- THERE IS MUCH MORE TO KNOW.

[SNE CONSULTING CAN HELP BRIDGE YOUR UNDERSTANDING AND MEET YOUR BUSINESS NEEDS.](#)