(WAN - DHCP)

VPN Tunnel
Internet

GreenSpark
pfSense FIREWALL
(LAN 192.168.1.1)

GlobeX
pfSense FIREWALL

LAN Switch

Operations
(DHCP)

Project
Management
(DHCP)

Consulting
(DHCP)

Product: Subnet01
IP: 192.168.1.0/26
Gateway: 192.168.1.1
DHCP Range: 192.168.1.2 – 62
DHCP Server: 192.168.1.2

SHARED LASER PRINTER
Static IP: 192.168.1.132

GlobeX
Network
Infrastructure

Sales: Subnet02
IP: 192.168.2.0/26
Gateway: 192.168.2.1
DHCP Range: 192.168.2.2 – 62
DHCP Server: 192.168.2.2

DOMAIN CONTROLLER
greenspark.com

WINDOWS SERVER 2019
Static IP: 192.168.1.130

NETWORK ATTACHED
STORAGE
Static IP: 192.168.1.131

Sales
(DHCP)

Marketing
(DHCP)

Device or Subnet	IP Address / CIDR	Subnet Mask	Default Gateway	DHCP Range	DHCP Server
pfSense Firewall	192.168.1.1	255.255.255.0	WAN - DHCP	N/A	WAN - DHCP
LAN Switch	N/A **MAC:** 23:6A:B7:4C:3A:1B	N/A	N/A	N/A	N/A
Subnet01	192.168.1.0/26	255.255.255.192	192.168.1.1	192.168.1.2 – 62	192.168.1.2
Subnet02	192.168.2.0/26	255.255.255.192	192.168.2.1	192.168.2.2 – 62	192.168.2.2
Domain Controller Windows Server 2019	**STATIC:** 192.168.1.130	255.255.255.192	pfSense 192.168.1.1	N/A	N/A
Network Attached Storage	**STATIC:** 192.168.1.131	255.255.255.192	pfSense 192.168.1.1	N/A	N/A
Laser Printer	**STATIC:** 192.168.1.132	255.255.255.192	pfSense 192.168.1.1	N/A	N/A