

IP Addressing Table for MM Corporation Network

Location	Network Address	Subnet Mask	Gateway	Usable IP Range	Reserved IPs	Devices
Headquarters (HQ)	129.100.100.0/23	255.255.254.0	129.100.100.1	129.100.100.10 - 129.100.101.250	129.100.101.251 - 129.100.101.254	PCs, Servers, Switches
Branch Office A	129.100.102.128/26	255.255.255.192	129.100.102.129	129.100.102.130 - 129.100.102.190	129.100.102.191 - 129.100.102.254	PCs, Local Switch
Branch Office B	129.100.102.0/25	255.255.255.128	129.100.102.1	129.100.102.2 - 129.100.102.126	129.100.102.127 - 129.100.102.254	PCs, Local Switch
Remote Workers	129.100.102.192/28	255.255.255.240	129.100.102.193	129.100.102.194 - 129.100.102.206	129.100.102.207 - 129.100.102.254	VPN Clients, Remote
WAN Link (HQ - Branch A)	129.100.102.224/30	255.255.255.252	N/A	N/A	N/A	HQ Router to Branch A
WAN Link (HQ - Branch B)	129.100.102.228/30	255.255.255.252	N/A	N/A	N/A	HQ Router to Branch B
WAN Link (HQ - Remote Gateway)	129.100.102.232/30	255.255.255.252	129.100.102.233 (HQ)	129.100.102.234 (REMOTE)	N/A	HQ Router to Remote VPN Gateway
Remote Router (REMOTE)	72.44.100.0/28 (Public)	255.255.255.240	72.44.100.14	N/A	N/A	External Access
REMOTE - Internal VPN	10.100.30.0/30	255.255.255.252	10.100.30.1 (HQ)	10.100.30.2 (REMOTE)	N/A	Internal VPN Tunnel