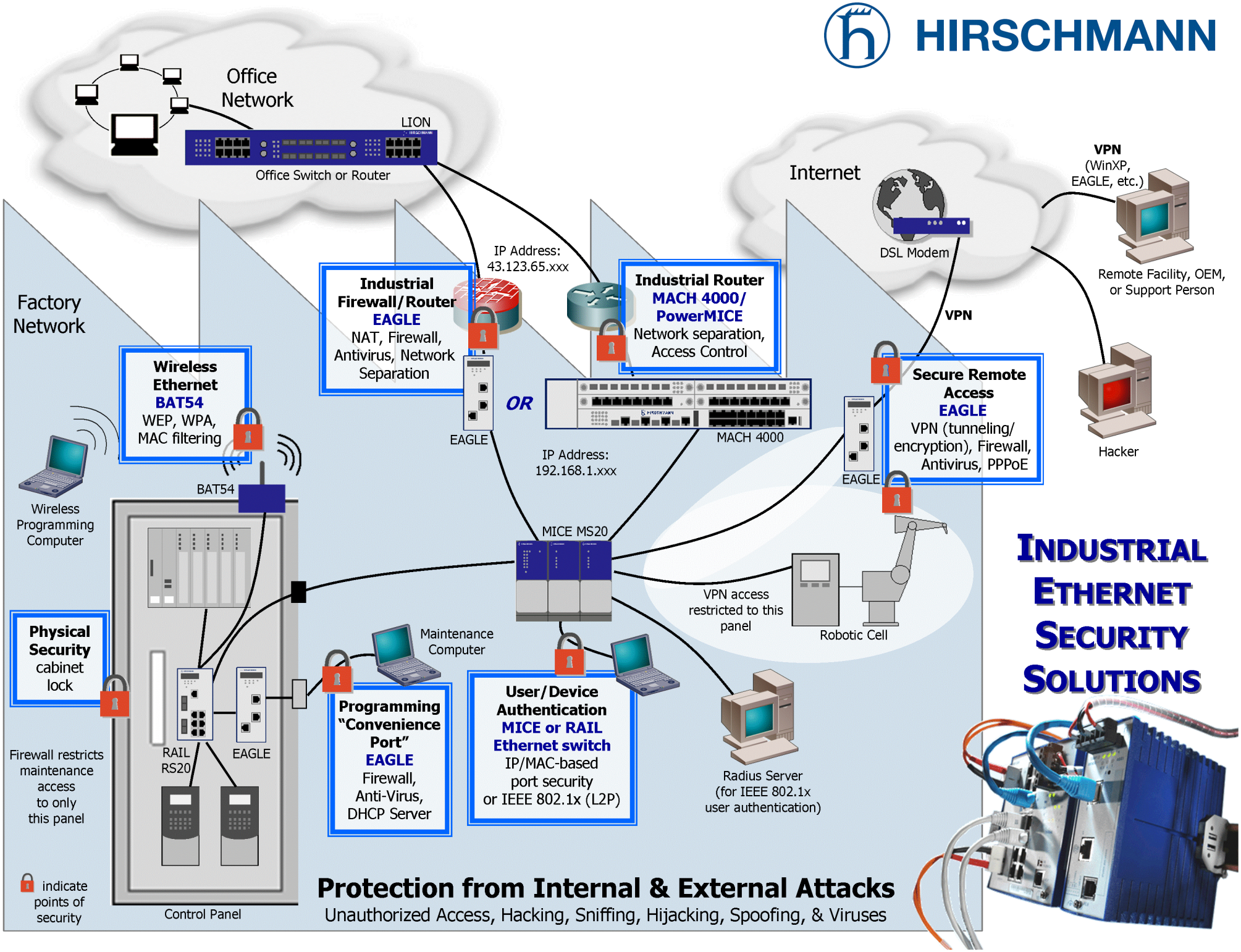
HIRSCHMANN
Office Network
LION
Office Switch or Router
Internet
DSL Modem
VPN
(WinXP, EAGLE, etc.)
Remote Facility, OEM, or Support Person
Factory Network
Industrial Firewall/Router
EAGLE
NAT, Firewall, Antivirus, Network Separation
IP Address: 43.123.65.xxx
EAGLE
OR
Industrial Router
MACH 4000/ PowerMICE
Network separation, Access Control
MACH 4000
IP Address: 192.168.1.xxx
VPN
Secure Remote Access
EAGLE
VPN (tunneling/ encryption), Firewall, Antivirus, PPPoE
EAGLE
Hacker
Wireless Ethernet
BAT54
WEP, WPA, MAC filtering
BAT54
Wireless Programming Computer
MICE MS20
VPN access restricted to this panel
Robotic Cell
Physical Security cabinet lock
Maintenance Computer
Programming "Convenience Port"
EAGLE
Firewall, Anti-Virus, DHCP Server
User/Device Authentication
MICE or RAIL Ethernet switch
IP/MAC-based port security or IEEE 802.1x (L2P)
Radius Server (for IEEE 802.1x user authentication)
Firewall restricts maintenance access to only this panel
RAIL RS20
EAGLE
indicate points of security
Control Panel
Protection from Internal & External Attacks
Unauthorized Access, Hacking, Sniffing, Hijacking, Spoofing, & Viruses
INDUSTRIAL ETHERNET SECURITY SOLUTIONS