

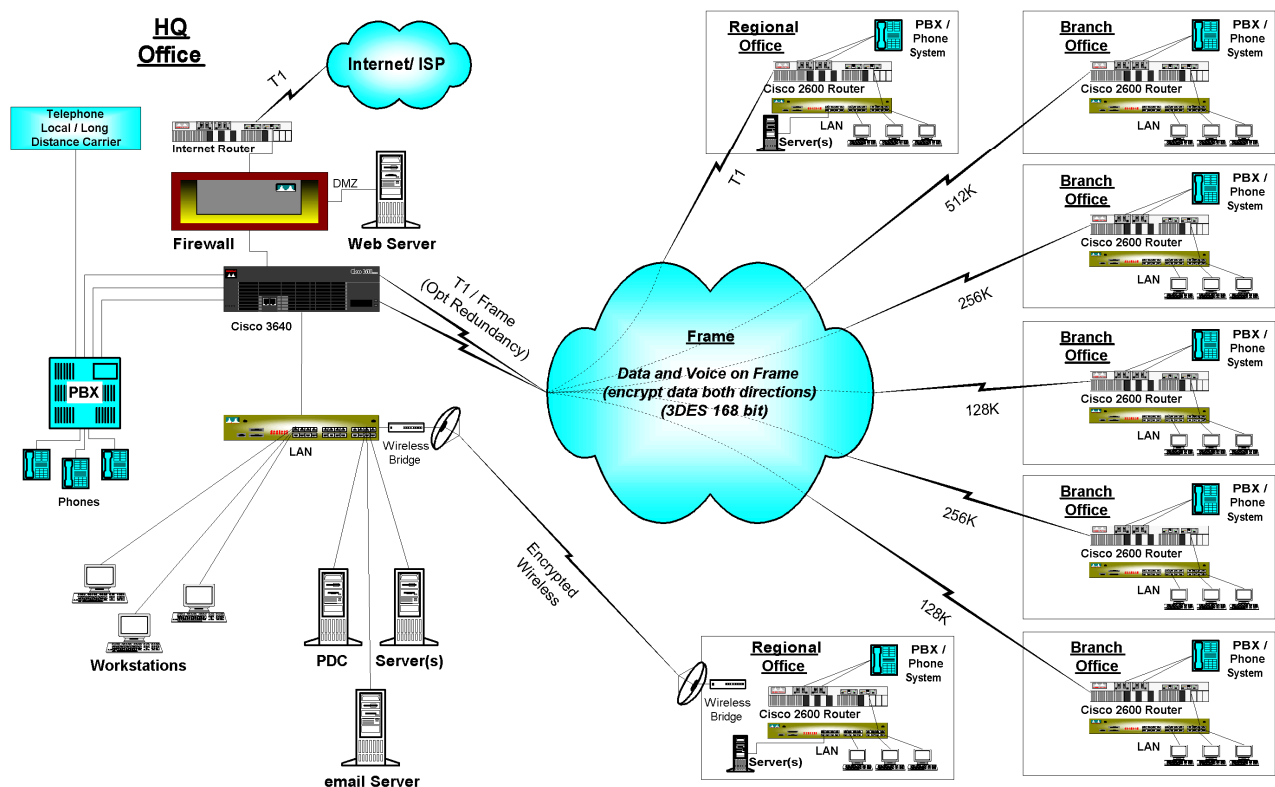
WAN/LAN – Voice over IP & VPN Solution

Challenge

- Re-Design WAN utilizing solutions to increase data bandwidth while reducing monthly costs
- Very high security with firewalls and VPN across the WAN
- Integrate voice into WAN
- Design bandwidth availability for combined voice and data traffic
- Redundant office connections as required

Benefits / ROI

- Highest available data security, complying with regulatory requirements
- Elimination of most local long distance phone charges between offices
- Centralized Internet, data files & email
- Redundant WAN and data storage
- High availability of network services
- Ease of deployment in short time
- Scalable design for adding offices



Description

- Internet / Connectivity:
 - T1 through 128K— dependant on needs
 - Wireless site-to-site
- HQ Network—Internet & DMZ
 - Cisco 3640 Router with interfaces to phone systems
 - Cisco PIX Firewall with Failover
 - Cisco Catalyst 3500s Enterprise Switch
- Regional / Branch Office Network:
 - Cisco Catalyst 2924 Switch
 - Cisco 2621 w/ phone systems interfaces
- Encrypted Wireless—11Mbps
- Security: Cisco PIX Firewall and full VPN data encryption between all locations
- Server Platform: Win2000 Network
- Workstations: Win2000, XP