

# Company Local Area Network Logical Diagram Future Vision

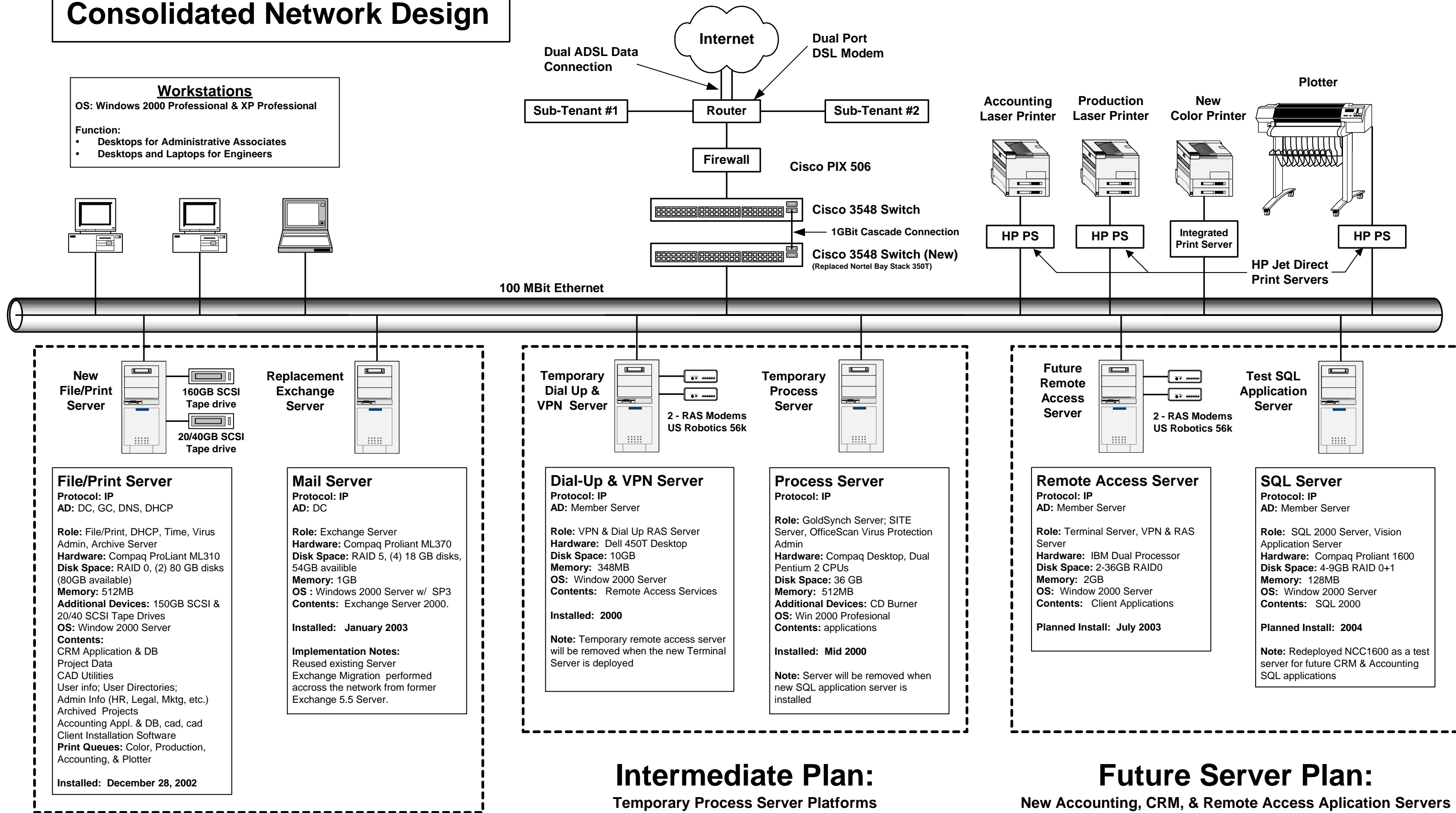
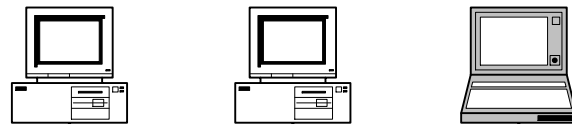
## Consolidated Network Design

### Workstations

OS: Windows 2000 Professional & XP Professional

Function:

- Desktops for Administrative Associates
- Desktops and Laptops for Engineers



**File/Print Server**  
**Protocol:** IP  
**AD:** DC, GC, DNS, DHCP

**Role:** File/Print, DHCP, Time, Virus Admin, Archive Server  
**Hardware:** Compaq ProLiant ML310  
**Disk Space:** RAID 0, (2) 80 GB disks (80GB available)  
**Memory:** 512MB  
**Additional Devices:** 150GB SCSI & 20/40 SCSI Tape Drives  
**OS:** Window 2000 Server  
**Contents:**  
 CRM Application & DB  
 Project Data  
 CAD Utilities  
 User info; User Directories;  
 Admin Info (HR, Legal, Mktg, etc.)  
 Archived Projects  
 Accounting Appl. & DB, cad, cad  
 Client Installation Software  
**Print Queues:** Color, Production, Accounting, & Plotter

Installed: December 28, 2002

**Mail Server**  
**Protocol:** IP  
**AD:** DC

**Role:** Exchange Server  
**Hardware:** Compaq ProLiant ML370  
**Disk Space:** RAID 5, (4) 18 GB disks, 54GB available  
**Memory:** 1GB  
**OS :** Windows 2000 Server w/ SP3  
**Contents:** Exchange Server 2000.

Installed: January 2003

**Implementation Notes:**  
 Reused existing Server  
 Exchange Migration performed across the network from former Exchange 5.5 Server.

**Dial-Up & VPN Server**  
**Protocol:** IP  
**AD:** Member Server

**Role:** VPN & Dial Up RAS Server  
**Hardware:** Dell 450T Desktop  
**Disk Space:** 10GB  
**Memory:** 348MB  
**OS:** Window 2000 Server  
**Contents:** Remote Access Services

Installed: 2000

**Note:** Temporary remote access server will be removed when the new Terminal Server is deployed

**Process Server**  
**Protocol:** IP

**Role:** GoldSynch Server; SITE Server, OfficeScan Virus Protection Admin  
**Hardware:** Compaq Desktop, Dual Pentium 2 CPUs  
**Disk Space:** 36 GB  
**Memory:** 512MB  
**Additional Devices:** CD Burner  
**OS:** Win 2000 Professional  
**Contents:** applications

Installed: Mid 2000

**Note:** Server will be removed when new SQL application server is installed

**Remote Access Server**  
**Protocol:** IP  
**AD:** Member Server

**Role:** Terminal Server, VPN & RAS Server  
**Hardware:** IBM Dual Processor  
**Disk Space:** 2-36GB RAID0  
**Memory:** 2GB  
**OS:** Window 2000 Server  
**Contents:** Client Applications

Planned Install: July 2003

**SQL Server**  
**Protocol:** IP  
**AD:** Member Server

**Role:** SQL 2000 Server, Vision Application Server  
**Hardware:** Compaq ProLiant 1600  
**Disk Space:** 4-9GB RAID 0+1  
**Memory:** 128MB  
**OS:** Window 2000 Server  
**Contents:** SQL 2000

Planned Install: 2004

**Note:** Redeployed NCC1600 as a test server for future CRM & Accounting SQL applications

**Intermediate Plan:**  
 Temporary Process Server Platforms  
 (3 Months to 1 year)

**Future Server Plan:**  
 New Accounting, CRM, & Remote Access Application Servers  
 (Planned Upgraded 2004)

**Consolidated (6) Servers to (2)**