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Computer Advice and Services
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CONSULTING EXPERIENCE

3/2002 - Present Computer Advice and Services, L.L.C. Rockaway, NJ

Managing Partner

Owner of a computer services company providing a host of network-related services as well as hardware and software sales.

Past and ongoing projects include:

Accounting Firm – Mendham, NJ

- Migrated Windows 2000 Server to Windows 2003
- Replaced Windows 2000 Workstations with XP Pro
- Centralized Anti-virus and Anti-Spyware protection
- Maintain all workstations and servers with latest updates
- Installed and maintain a UTM firewall
- Configured PPTP VPN access
- Installed and configured multiple network document scanners for paperless accounting files
- Install and support CCH Prosystems Fx Accounting Suite
- Install and maintain all versions of Quickbooks
- Install and maintain Paychex related software
- Configure and troubleshoot all network printer connectivity issues
- Maintain tape backup system

Architectural Firm – Mendham, NJ

- Maintain all computer systems including RAID-1 workgroup server
- Manage the implementation and monitoring of a file synchronization to external hard drive system for file backups
- Networked laser shredder used making architectural models based on CAD drawings

Architectural Firm – Rockaway, NJ

- Migrated Windows NT 4 to Windows 2003 multiple server platform
- Migrated Exchange 5.5 to Exchange 2003
- Maintain Windows 2003 Servers
- Maintain Exchange 2003 Server
- Maintain server rack and patch panel wire management
- Maintain centralized Anti-virus, Anti-Spyware, Anti-Spam protection
- Installation and maintenance of a FortiGate UTM firewall
- Configured PPTP VPN access
- Installed and maintain an Internet Logging and Reporting system
- Developed Disaster Recovery procedures
- Developed a disaster recovery offsite network
- Upgraded server hard drives in two critical servers RAID Arrays
- Installed and maintain an LTO-3 tape autoloader backup system
- Designed and implemented Blackberry Professional Server solution

Architectural Firm – Glenrock, NJ

- Installed and maintain a Windows 2003 SBS server
- Migrated data from peer to peer Windows and Mac workstations
- Setup network printers and plotters
- Installed Gigabit network switch
- Assist with the addition of new users
- Installed a Netgear VPN Firewall

Automotive and Collision Repair Facility – Dover, NJ

- Assisted with installation of CAT6 wiring and termination
- Installed Gigabit Network Switch

- Migrated Netware 5 server to a Windows 2003 SBS Server
- Migrated Windows 98 Workstations to new Windows XP Pro PCs
- Setup and Maintain Microsoft Exchange 2003
- Installed and maintain a FortiGate UTM firewall
- Configured PPTP VPN access
- Installed a wireless hotspot for customer use
- Installed a wireless network for office use
- Installed wireless display access to any office PC.
- Ongoing support of CCC Pathways
- Ongoing support of Mitchell ABS
- Ongoing support of ADP Shoplink

Collision Repair Facility – Newton, NJ

- Installed Windows 2003 Server for use with Audatex
- Managed the installation and configuration of Audatex Estimating Software

Commercial Real Estate – Cedar Knolls, NJ

- Installed new Windows 2003 Server
- Centralized Anti-virus, Anti-Spyware, Anti-Spam protection
- Installed Netgear VPN Firewall
- Maintain open source Linux based message server
- Installed multiple document scanners for paperless operation

Construction Firm – Chester, NJ

- Migrated an NT 4.0 Server to Windows 2003 SBS
- Migrated Exchange 5.5 to Exchange 2003
- Installed Anti-virus solution
- Installed Master Builder
- Installed a Netgear VPN Firewall
- Configured IPsec VPN access
- Setup and maintain a DLT tape backup system
- Relocated server to new office space
- Installed Netgear managed Gigabit switch

Electrical Engineering Firm – Bedminster, NJ

- Migration of POP and IMAP email to new hosting company
- Migration from Linux Firewall to Netgear Firewall
- Installation and maintenance of a Fortinet UTM Firewall
- Recovered files from damaged Linux system

Food Brokerage Firm – Parsippany, NJ

- Created network diagram of existing networking equipment
- Isolated cause of wireless network interference and updated WAP firmware to resolve issue
- Setup new workstations
- Added additional RAM to multiple computers
- Support hosted mail system

Law Office – Morristown, NJ

- Implemented a new Windows 2003 Small Business Server
- Implemented Exchange 2003
- Setup an online backup system and monitor logs
- Installation and maintenance of a Fortinet UTM Firewall
- Configured PPTP VPN access

Manufacturer of Oil and Water Separators – Mendham, NJ

- Ran CAT5e in office and established a Gigabit network
- Installed a Netgear VPN Firewall
- Managed the implementation of a Network Attached Storage system
- Managed the installation of file synchronization software and drive image software
- Managed the setup of an Exchange Hosting account with 123Together.com
- Made recommendation for Broadband Internet connection
- Migrated website to Pair.com and created a new Email Form.

Mechanical Engineering Firm – Rockaway, NJ

- Doubled size of SCSI RAID-5 array in Windows 2003 Server

- Tripled memory capacity in relation to physical RAM
- Installation and maintenance of a Fortinet UTM Firewall
- Configured PPTP VPN access
- Upgraded tape drive to an LTO-2 drive
- Upgraded Backup Exec software
- Maintain updates on all workstations and server
- Setup Exchange 2003
- Centralized Anti-virus, Anti-Spyware protection

Montessori School – Hackettstown, NJ

- Assisted with the move to a new building
- Ran CAT5e and terminated jacks in order to add additional pc
- Made sure all workstations could print and access the Internet

Non-profit Foundation – Basking Ridge, NJ

- Setup foundation Website
- Assist with maintenance of domain and Web hosting account
- Assisted with updates to Website

Physical Therapy Practice – Rockaway, NJ

- Installed a new Windows 2003 Small Business Server
- Setup Exchange 2003
- Setup new Windows XP Pro workstations
- Installed a Netgear VPN Firewall
- Setup tape backup system

Preschool – Mendham, NJ

- Registered domain and opened Web hosting account
- Created and setup Website

Professional Counseling Practice – Hackettstown, NJ

- Rebuilt main workstation
- Installed a FortiGate UTM firewall

Residential – Mendham, Chester, Randolph, Bernardsville

- Various residential projects for over 50 customers including:
- Setup of Network Attached Storage systems
- Recovery of lost data from damaged hard drives
- Setup of wireless secure networks
- Removal of viruses and spyware
- Centralized Anti-virus and Anti-spyware
- Build and setup stock broker Vista Business workstation with triple wall mounted flat panels
- Setup of network printers
- Hardware repair

Senior Housing Facility – Hackettstown, NJ

- Support multiple servers and NAS devices
- Migration from Windows 2000 to Windows 2003
- Setup backup software to backup to NAS devices
- Installation and maintenance a FortiGate UTM firewall
- Configured PPTP VPN access
- Setup new workstations
- Maintain T1 and DSL broadband connections
- Designed, implemented and support a wireless network for two buildings utilizing a dozen access points

Structural Engineering Firm – Rockaway, NJ

- Setup server rack
- Installed new Windows 2003 Server
- Installed DLT tape backup system
- Setup new Windows XP Pro workstations and laptops
- Maintain server and workstation updates
- Installation and maintenance of a Fortinet UTM Firewall
- Configured PPTP VPN access
- Centralized Anti-virus, Anti-Spyware, Anti-Spam protection
- Installed a network document scanner
- Setup multiple network printers
- Setup Xerox wide format plotter and scanner

- Repair of damaged hard drive and cloning to new drive
- Managed the setup of Blackberry phones for email access

Supplier of Plastic Resins and Compounds – Mendham, NJ

- Assist with the maintenance of a Windows 2003 server
- Setup and maintain Windows XP workstations
- Maintain Backup Exec software to latest version
- Installation and maintenance of a Fortinet UTM Firewall

Training and Recruitment Firm – Cedar Knolls, NJ

- Maintain Windows 2003 Server
- Maintain wireless network
- Repair laptops

Veterinarians Office – Long Valley, NJ

- Maintain Windows 2003 Server
- Maintain Windows XP Pro workstations

Wealth Management Company – Randolph, NJ

- Installed Gigabit switch and connected all workstations together
- Backed of to external hard drive via file synchronization and drive imaging software
- Setup network color laser printer

Computer Advice and Services – Rockaway, NJ

- Installed Quad-Core Dell Server with 4GB RAM, 700GB RAID-5
- Installed Windows 2003 x64 (64-bit version)
- Installed Exchange 2007 and migrated from Exchange 2003
- Installed two Fortinet UTM firewalls and established a gateway VPN between two locations
- Implemented new time tracking and billing system to improve invoicing
- Implemented new tape backup system
- Implemented new website
- Implemented Blackberry Professional Server

4/2000 – 3/2002 Greenwich Technology Partners New York, NY

Senior Network Engineer

Bear Stearns & Co. - **Project Manager** and **Security Architect**

- Primary architect of a smart card authentication system based on RSA's SecurID Passage, HID proximity cards, and Debitek cashless payment system. Trained 70 of the company's IT staff on how to support the product. Supported the implementation of the product to all trader desktops. Managed teams of engineers during the relocation of the company's world headquarters. Top-level support on all Windows 2000 desktop related issues during the relocation efforts
- Evaluated PKI, Smart Cards, and Biometric Identification. Primary vendor contact. Extensive testing and design on Windows 2000 PKI, Entrust/PKI, Baltimore UniCERT, RSA SecurID Passage (Smart Card & Biometric Authentication), Spyrus Smart Cards, Schlumberger Smart Cards, Datakey Smart Cards, and Identix Biometric Authentication
- Managed the day-to-day activities of a 6-member R&D team. Determined best desktop technologies for the company's new 43-story building. Large focus on Windows 2000 and security. Primary client contact.

3/1994 - 4/2000 Visalign, LLC West Chester, PA
 (Formerly Forte' Systems) New York, NY

Senior Systems Engineer

Time Warner – **Desktop Architect**

- Lead Design Engineer for an NT4 Workstation/Office 97/Outlook 2000 implementation

Dunn & Bradstreet – **Trainer**

- Developed and presented unique NT/Windows 2000 training class to 40 support personnel

National Starch & Company – **Project Manager** and **Network Architect**

- Standardized 25 NT server login scripts and 2500 client computers to use

