

AdTopia Network Design

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Current Situation

- ▶ Hard to communicate across company
 - Each branch office doing their own thing
- ▶ No Remote Access
- ▶ Confidential Data at Risk
- ▶ Expansion would magnify current problems

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Objectives

- 1) Interconnect Offices
- 2) Collaborate via email, calendars, shared files
- 3) Extranet access to campaign previews
- 4) Wireless access
- 5) Remote access to desktops
- 6) Information Assurance
- 7) Disaster Recovery

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WAN Topology (Report pg 5)

Recommended **Low End**

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LAN Topology (Report pg 6)

Recommended **Low End**

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Remote/Wireless Access (Report pg 6)

- ▶ For employees:
 - Remote access from home
 - Remote access from customer's sites
- ▶ For clients:
 - Secure, web based remote access to ad campaign
- ▶ Wifi
- ▶ Outlook Mobile Access
 - Exchange webmail through cell phones

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Information Assurance

- ▶ Reliability
 - Solid Network
 - Server Environment
- ▶ Security
 - Cisco Firewall or Router with firewall features
 - User authentication for wireless & wall ports

Objective 6

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Server Infrastructure (Report pg 9)

- ▶ Microsoft Windows Server System
 - Active Directory
 - Exchange
 - SQL Server
 - Windows Storage Server
- ▶ Dell Servers and Storage
 - Three base models of servers
 - More commonality → Easier to Support and Manage
 - Network attached Storage
 - Tape autoloader

Objective 2

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Collaboration (Report pg 9)

- ▶ Exchange 2003
- ▶ File servers at each site
 - Synchronized to speed access, add redundancy
- ▶ Sharepoint

Recommended Email Topology

The diagram illustrates a multi-site Exchange 2003 topology. It shows several servers at different sites connected to a central cloud. The servers are labeled: 'Exchange 2003', 'Exchange 2003', 'Exchange 2003', 'Exchange 2003', and 'Exchange 2003'. A central cloud is labeled 'Exchange 2003'. The servers are connected to each other and to the cloud. A yellow box highlights 'Exchange 2003' and 'Exchange 2003'.

Objective 2

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Disaster Recovery (Report pg 14)

- ▶ Tape autoloaders
 - Magazines with backups stored offsite
- ▶ BackupExec
- ▶ Not just relying on file replication

Objective 7

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Implementation Plan (Report pg 19)

20 Weeks

Current Network Environment

Phase One
• WAN Equipment
• Network Cabling

Phase Two
• LAN Equip.
• IT Training

Phase Three
• Server Environment
• IT Training

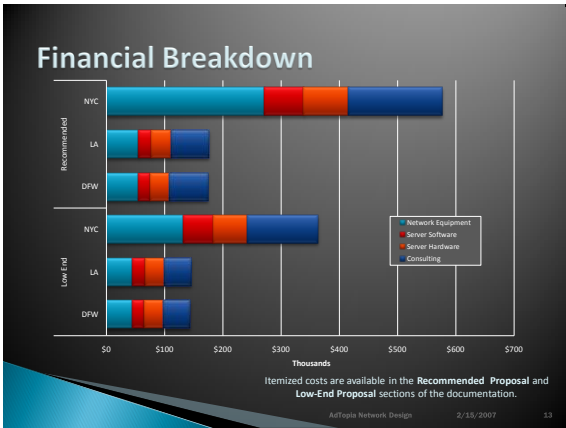
Security
Reliability
Scalability

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Options (Report pg 23)

- ▶ Recommended
 - More reliable and scalable
 - Advanced security
 - Meets long-term growth needs
 - **Total: \$925,411**
- ▶ Low End
 - Sacrifices some scalability to reduce the budget
 - **Total: \$651,203**
- ▶ Can mix and match
 - Right selection for your needs & budget

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Questions?

» We'll be happy to answer any questions at this time.

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