

# Tech Planning: Your First Step Towards Innovation



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April 10, 2013

# Agenda

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2. Why Have a Technology Plan?
3. Purpose of Technology Assessment
4. Technology Pyramid
  - Infrastructure
  - Integration
  - Innovation
5. Best Practices
6. Technology Action Plan
7. Reasons Why Technology Project Failed
8. Reasons Why Technology Project Succeeded

# Introductions

- Tell us about yourself and your organization
- Do your organization have a technology plan?

# Why Have a Technology Plan?

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- To align technology with the mission of the organization and the organization's strategic plan.
- To provide directions for the future use of technology.
- To seek funding and resources to help support the organization's technology.
- To budget for technology upgrades/replacements annually.

# Purpose of Technology Assessment

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- Identify, analyze and prioritize the technology needs of the organization.
- Assess the strengths of the organization's technology.
- Identify resources.
- Documentation (inventory, network diagram, cheat sheets, processes, etc.).
- Interview staff to determine how they're using technology.

# Infrastructure

- Demarcation
- Network Closet
- Internet (Bandwidth)
- Internet Service Provider
- Domain Registrar (Domain Names)
- DNS Host
- Web Host
- Email Host

# Infrastructure

- Patch Panels
- Ethernet Cables (Category 5e or Category 6)
- Firewalls
- Ethernet Switches (10/100/1000 or Gigabit)
- Servers
- Workstations
- Network Printers
- Wireless Routers

# Infrastructure

- Static IP Addresses/Assignable IP Addresses
- SSL Certificates
- Backup
- Virus Protection
- Battery Backups
- VoIP (Voice Over Internet Protocol)

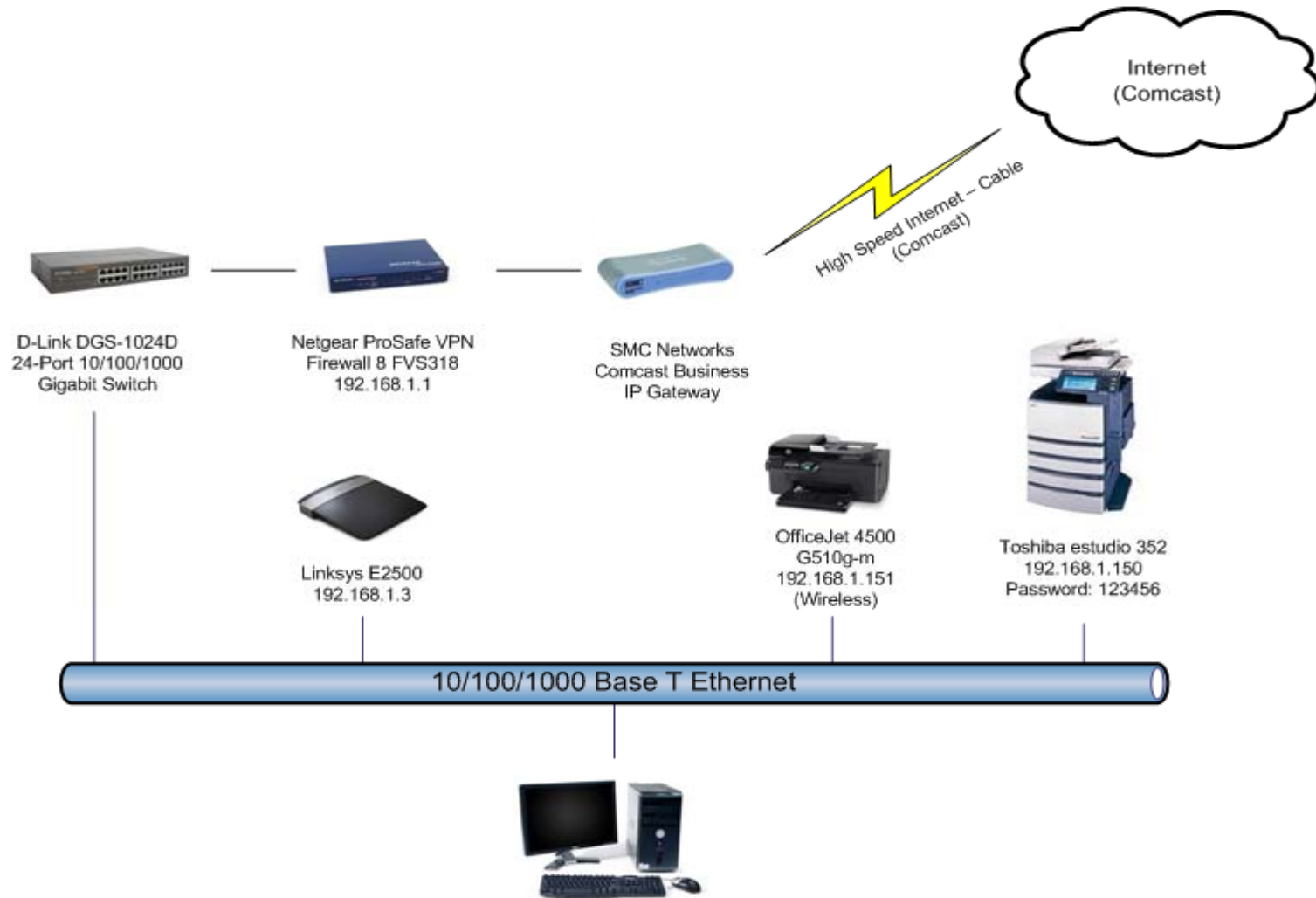


# Infrastructure

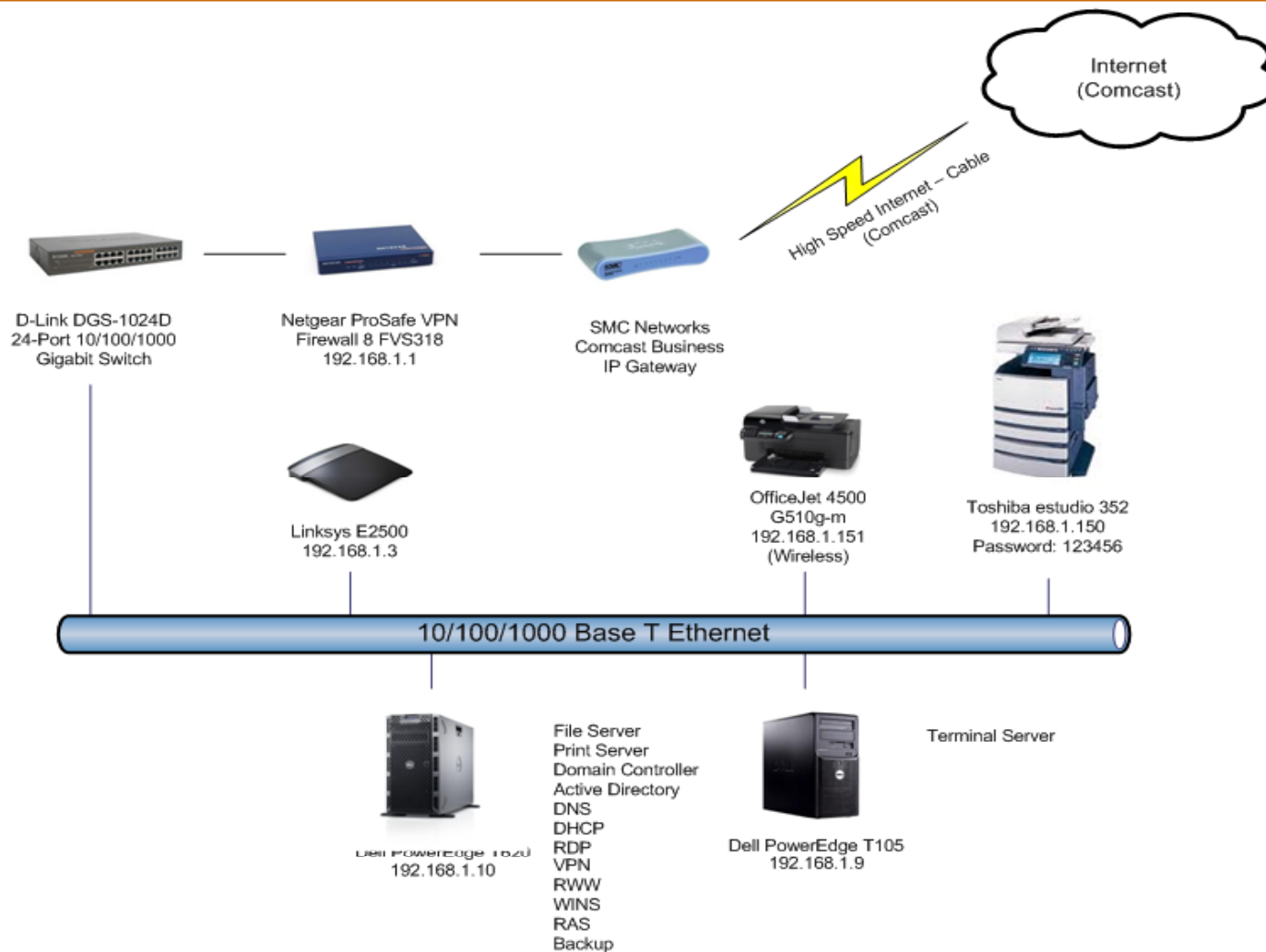
## Network Infrastructure

- Peer to Peer Network
- Local Area Network
- Virtual Private Area Network (VPN)
- Cloud Computing

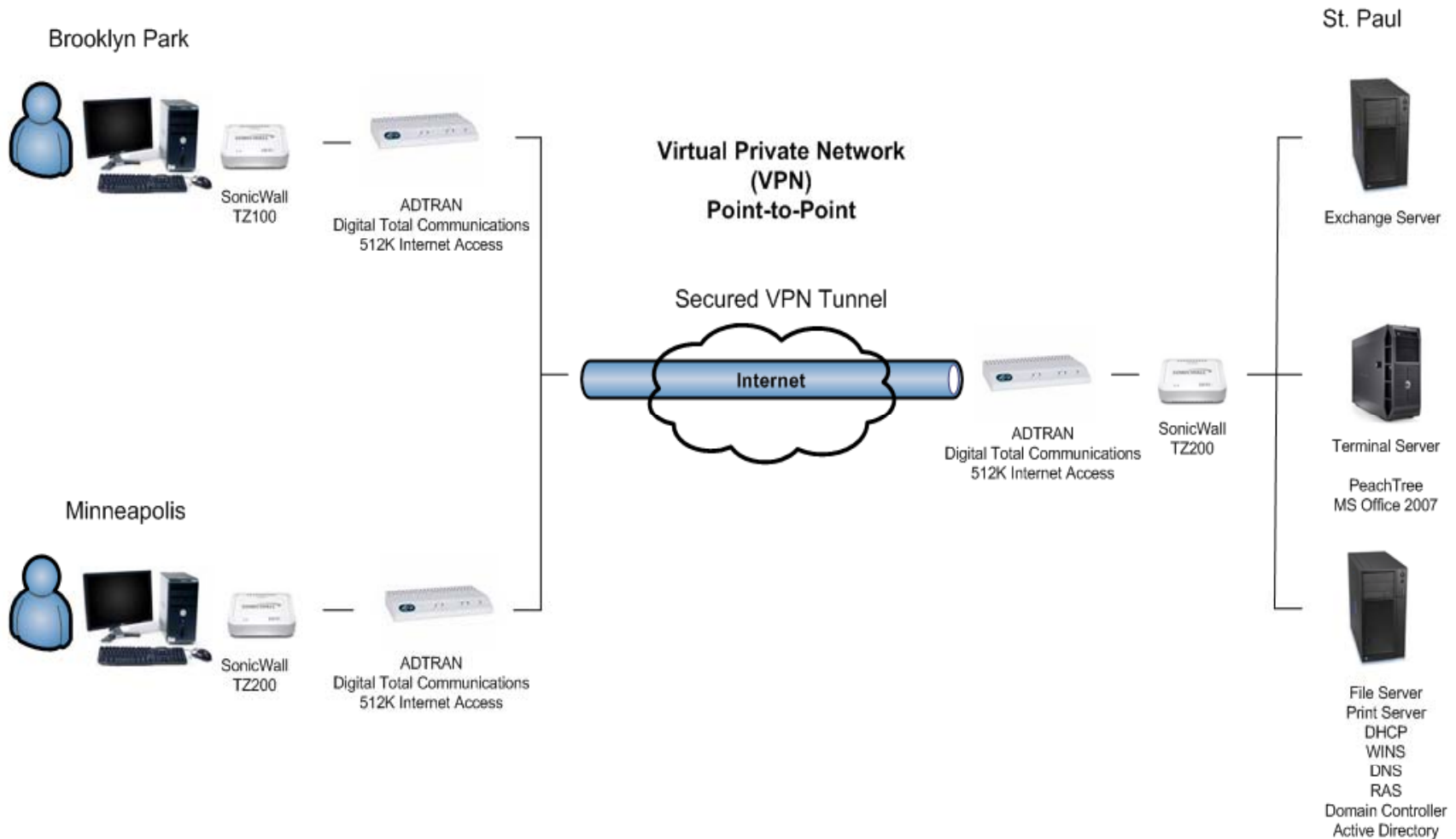
# Peer to Peer Network



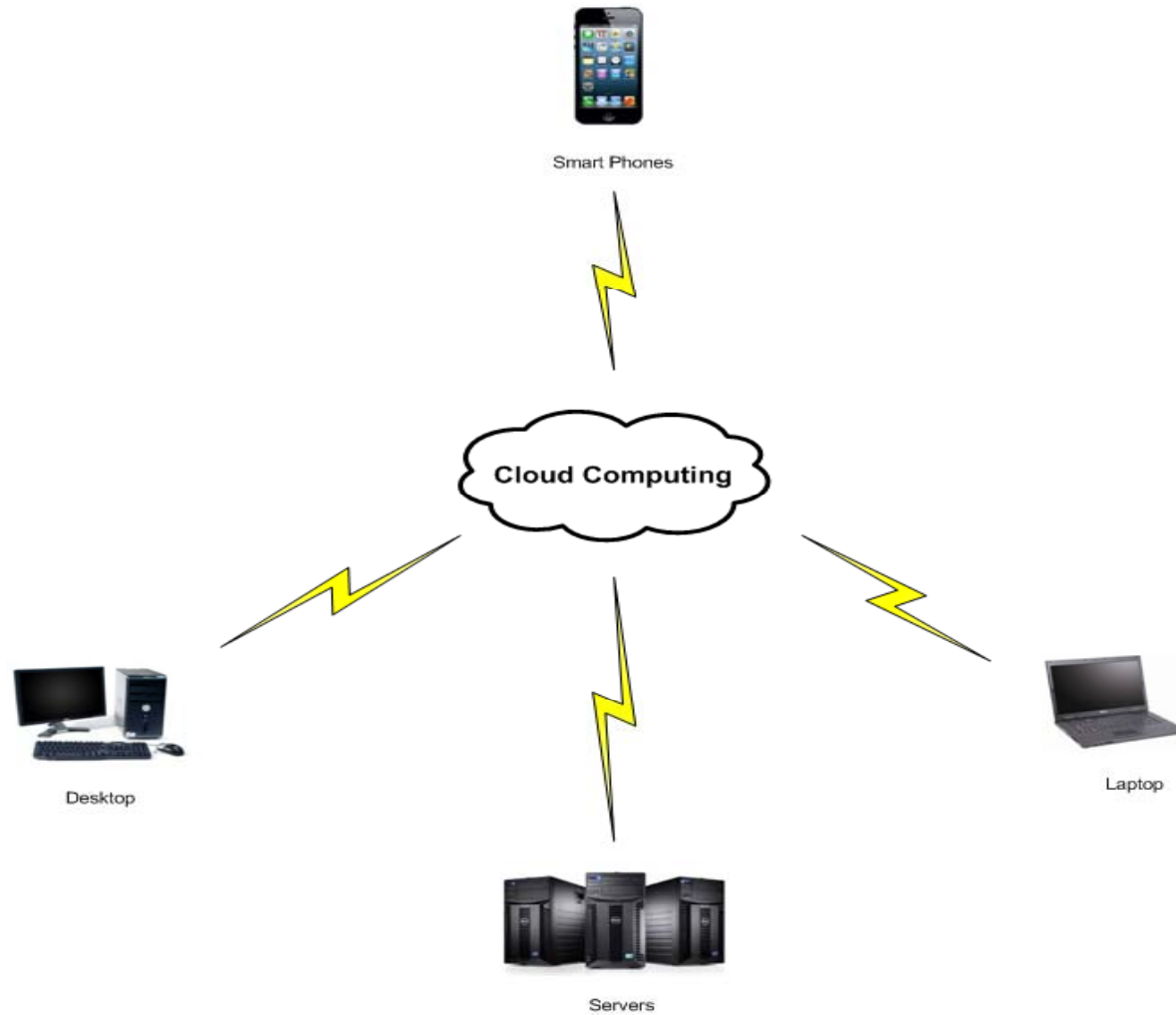
# Local Area Network



# Virtual Private Network (VPN) Point to Point



# Cloud Computing



# Integration

- Technology Support (servers, workstations, website, telecommunications, printers, accounting software, databases, etc.)
- Professional Staff Development
- Technology Policies and Procedures

# Innovation

- Email
- Databases (Clients, Donors, Accounting, etc.)
- Social Media
- Cloud Computing
- Smart Phones (Iphone, Android, etc.)
- Remote Access (Remote Web Workplace, logmein, gotomypc, etc.)
- Webinar
- Skype
- Website
- eNewsletter

# Best Practices

- Budget
- Hardware Life Cycle
- Depreciation Policy
- Software Licensing
- Recycle Old Hardware
- Documentation



# Technology Action Plan

- The purpose of the technology action plan is to help the organization assign roles and responsibilities to help complete projects in a timely manner.

# Questions

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**THANK YOU!**