



In The Beginning...My PC

- Electronic Typewriter/Word Processor
- Standard Telephone
- Spreadsheets
- Single User Databases

Remember “floppy” floppy disks—768 KB
Remember 256 KB of RAM

Today: 1 TB drive—1.3 Million X increase
Today: 4 GB of RAM

CYNROC
business development

TECHNICAL EDGE
CONSULTING

Wow!!! We Can Share Things

Share files and printers
No More "Sneakernet"

Where is the data?
Who can "mess up" the data?
Did anyone backup the data?



What Is A Server?

Specialized place to store information
Always on
Users "can't mess it up"
One location for data
Easier backup
Better security



What is This “Slow” Internet Thing?

- Can browse the Internet
 - Search--Google, MSN
 - Purchase--Ebay, Amazon
 - Internet presence

- Remember CompuServe, AOL, Prodigy

- Can send and receive personal email
 - Instant communication
 - Quickly move files

- Welcome to Malware
 - Viruses, Trojans, Worms, etc...



What is This “Faster” Internet Everywhere?

- Welcome to firewalls/security software

- Can work outside the office
 - Virtual private networks
 - Remote desktops

- Can access music and video
 - itunes
 - Youtube
 - netflix

- Beginning of wireless connections

- Faster, Faster, Faster....



Everything is Connected

- Can do many things with mobile device
 - Blackberry, iphone, Windows
 - Messaging, Calendar, Contacts
- Run my office phone over the network
 - VOIP
- Web conferencing
 - Webex, Gotomeeting
- Social Networking
 - Myspace, Facebook, Linkedin
- Entertainment
 - TV is connected



Where Are We Headed?

- Entire life experience recorded
- Virtualization
 - Any function
 - Any Device
 - Located and Accessed Anywhere
- Examples
 - Pay with mobile device
 - Feedback with mobile device
 - Mobile device is your computer



What Does This Mean to Me?

- Learn about your options
- Define who you are
- Review your options
- Implement
- Change again



Learn About Your Options

- Talk to business advisors
 - Strategy, Not individual function
 - Web Site
 - Scanner
 - Mobile Device
- Classes and Literature
- Talk to you peers



Define Who You Are

What service does your business provide
Tax, audit, bookkeeping, etc.

Who are your customers

Size, industry, special needs

Industry Changes

Certain services becoming automated?



Review Your Options

Define your "paperless"

Data format

Location

Think system not device

Blackberry vs iphone

Mac vs PC

Sony vs Dell

How do I want to work

Where

What device



Review Your Options --Continued

Where are my functions

Web

Internal

Combo

What are my risks

Data security

Downtime

Performance

Long term contracts



Implement

Maintain focus on strategy

Users don't dictate strategy

Staged Implementation



Change Again

3 to 5 years
Systems get old
Functions and processes change

