

A Strategy for IT for BRBC

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Outline

- ▶ Secure What we got
- ▶ Determine Business Need
- ▶ Design Budget Plan over 3 to 5 years to get to what we need

Secure What we got

- ▶ 6 PCs all belonging to the church
- ▶ 3 laptops
- ▶ 3 desktops
- ▶ Share files and printers
- ▶ Backup of individual giving data by Debbie
- ▶ BRBC-G wireless Lan and BRBC-b wireless Lan

FY07 budget year

► Secure what we got

- Get all PCs to Windows XP pro
- Get all PCs to Office 2003 Pro
- Get all on Same AV Package (easier to support, MS Onecare does 3 PCs for \$50)
- Run patches from MS automatic that is why you get to XP Pro
- Get PC Ghost package for Each PC and make image file at least yearly, best quarterly (hire someone to do it and test it for all 6 PCs) (Ghost in SystemWork Pro 2002 or 2003 works and is only \$5/copy)
- Get External USB 2.0 Hard drive and back-up to a "designated Server PC" (\$100)
- Get My Documents on each PC synced from a designed Server on each PC

Secure What we got (cont)

- ▶ Folder Sync SW <http://allwaysync.com/> to sync My Documents to a single PC, back that up nightly
- ▶ Set up a BRBC_backup@gmail.com account so that email that you want to keep can go in it, by placing it in the BCC field.
- ▶ Many small business are going with gmail.com since it offers 250M of online searchable storage with folders and once you got email you got basically 80% of your need

Secure Wireless

- ▶ Keep guest network separate from BRBC network, run encryption on it, MAC address in router, do not broadcast signal
- ▶ Have Separate network which people request to use for guests, turn on and off when guests need access, have written procedures and terms of use

Web

- ▶ Already have a domain
- ▶ Joe is Webmaster I believe
- ▶ Is his data backed up in case his laptop crashes?

Determine Needs

- ▶ If you introduce a Server, it takes a lot more expertise to manage that. A lot of small business are staying away from that.
- ▶ Do you need email groups internally
- ▶ Do you need a lot of file sharing
- ▶ Is the church going to support VoIP, video, MP3 production
- ▶ Encrypt My Documents on Laptops?
- ▶ BRBC Computing Policy?
- ▶ Porn filtering/blocking SW?

A proposed plan

- ▶ Want to get to a MS Small Business Server over 5 years with a \$5,000 yearly IT budget (2K year 1, 3K year 2, 4 K year 3, 5K year 4 and 5)
- ▶ Year 1--Upgrade PCs first, get AV, Patches, Backup taken care of (Microsoft Onecare does 3 pcs for \$50), investigate commercial support vendors (GeeksOnCall.com, etc)
- ▶ Year 2--Continue to upgrade PCs with more memory, new motherboard, new hard drives etc; buy server or Server SW
- ▶ Year 3---Buy Server and SW
- ▶ Year 4---More web publishing integration, remote access, Training and employee development

Other Plans

- ▶ Stay at a Peer to Peer network and do that steady state in each out year (can stay at \$2K/year budget with that approach, but new people get added in HR budget not IT budget)
- ▶ Give \$500-\$1000 for PC support to each full time person and have each person buy laptop or desktop for themselves and they secure, i.e. it is their PC (many companies are doing this with cell phone and Laptops for sales staff having them work at home).