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AGENDA 02: 16 February 2008

02.00	Old Business – Chapter House: Control Corp Constitution and By-Laws update	SN/BP
02.01	Issues and Policies update	GH
02.02	Kitchen	GH
02.03	Internet/Security Camera Update	SN/GB
	New Business – Chapter House:	
02.04	House and Grounds Committee Update 1. Lounge ceiling 2. Men's Restroom	GH
02.05	Move Out Issues	SN
02.06	Tenant Update	SN
02.07	Review and schedule next meeting	SN
02.08	Adjournment	

Internet/Security Camera Update

Sue - I won't be able to make the conference call. Below is what I have so far. The only thing I need from you is to get from Dave the phone number for att, as well as our account number so I can find out about our internet contract, and get more details to inform my proposal for implementing a wifi network in the house.

Milk Machine - There is no possibility of getting one directly from Silverking, would be more cost effective to purchase one locally.

Security Camera DVR - There are 4 - 12 channel units starting at about \$650. They vary greatly in features, price, and complexity. All offer some form of remote (internet) viewing. Some include CD or DVD recording drives. Some include very little storage, and others have substantially more and the ability to expand storage. Due to the cost of the DVRs, it would be best to install ALL cameras first, and buy a DVR once, versus have to buy a new DVR when new cameras are installed.

I believe it would be best to install the DVR and monitor as well as keyboard somewhere convenient - versus in a cramped spot.

Network/Annex Internet/Wifi:

Firstly, we absolutely need a new Gigabit Ethernet Switch with Power over Ethernet capability.
Ex Cisco Catalyst Express 500. This will enable easier/better/faster implementation of both wireless networking and Security DVR.

The house will require multiple wireless access points. They wouldnt necessarily have to work together as one network - this would spread the traffic load out over more access points. I am guessing the house would need 2-4 access points. Each access point cost varies from \$100-500 depending on capabilities/grade etc.

Ex: Cisco, D-Link, Linksys, Apple. Possibly antennas could be used. Cisco would be my preferred company. Their components have the best manufacturing quality, as well as software quality and compatability.

It would be best to get Power over Ethernet access points, this way access points dont have to be installed near power sources. The new gigabit ethernet switch would run power across the existing ethernet cables along with data. 328ft is the approximate maximum distance power over ethernet works.

In order to design the best and most cost effective network, the house should be tested to see where weak spots or gaps would be and prevent them. While the access points could be installed behind drywall, it'd be best if they weren't. The ethernet cables could be run to the chosen spots in the house, and then the ethernet junction boxes and accesspoint wall/ceiling mounts installed.

Security - The network would use WPA2 security and require a password.

Annex Internet can be converted over to house system easily....Either wired or wireless (or both).

Wired: Once Gigabit Ethernet is installed in the house, a line can be run to the annex, and a switch installed in place of the current router and modem.

Wireless: An access point can be installed in the annex that simply extends the range of the network in the house.

Phone System:

Many Possibilities, importance is chosing one that uses a signal that does not interfere with wifi.

Main Unit (with voicemail - first floor mail closet).

Basement: Kitchen Area

Second Floor: by firedoor/drinking fountain mounted on wall

Third Floor: Top of the Staircase, somewhere in the hallway wall mounted.

Turn off the phone company's voicemail and use the unit's voicemail instead.

Remember that only the main unit is connected to the phoneline. The other handsets just need to be near a power outlet.

Ex Samsung, Siemens, Panasonic

http://www.amazon.com/Panasonic-KX-TG6074B-Cordless-Answering-Handsets/dp/B000LY8BBA/ref=pd_bbs_sr_1?ie=UTF8&s=electronics&qid=1203134028&sr=8-1#moreAboutThisProduct

I will talk to hargus more about the security cameras to narrow down more specific possibilities for DVRS.

Once I have the ATT info from Dave I can create a concrete proposal for the wireless network pretty quickly. I will look into the cost of a wireless interference monitor, or having a test done by a local company to identify the best spots to install the access points.

Let me know what questions there are.

Grady