

Technology Report (revised 16NOV21)

1. Comcast Installation due on November 11. When they are installed, I will be changing the SSID and Password of the Wi-Fi in the building and Parish Hall so that it is something people recognize. The Second Floor Wi-Fi for Family Promise will not be changed.

Revised Information.

Comcast was installed as noted above.

One Access Point (extending the wifi range) has been updated. Three more will be updated and possibly one added.

Comcast made sure we had a dial-tone for our phone, but did not connect the new Comcast Internet phone modem, located in the middle office, to the 4 telephone lines of our Samsung Phone system located in the kitchen basement. One phone line to our FAX machine was connected.

After due study, I determined that I did not have the ability to pull four telephone wires from the kitchen basement to the middle office. I called ITI and they are expected to finish the work today (11-16).

As soon as I get time I will finish installing the access points.

2. Using an old computer from CEC, I have built a Linux server and placed it in the middle office. It is running and working, but not doing a great deal. At this point it is and will be backing up a number of computers in the building as we add them.
3. I have completed an inventory of computers and printers in the building. I had no idea that St. Paul's Church had so many computers, nor was I aware of the sophistication of the wired network in the building. Good Job!
4. Windows 11 has been released and as usual this will cause the world a collective headache. The requirements for running Windows 11 are not yet fully known, but it seems that computers will need, at the least, an advanced Intel seventh generation CPU or one of similar ability from other makers. This means that a computer purchased just months ago may not be eligible for Windows 11. For example, the new computer I purchased for George is "just" over the line.
Windows 10 will no longer be supported after June of 2024 or 20 months

from now. While that does not mean that older computers will just stop, it does mean they will no longer receive security and other updates. I advise that no computers or (IOT) devices be purchased which are not Windows 11 ready.

5. Some of our current computers are exceptionally out of date including two machines running Windows XP, Windows 7, and Windows 8 (which was unstable when it was released). None of them can be upgraded to Windows 10, not alone 11.

6. **Recommendation:**

We should purchase a new computer for the Rector and Holly. If both new computers were Windows 11 compatible, the new machines would be good for 5-7 years. We would need monitors and webcams for both as so much work is now done on ZOOM etc.

RECOMMENDATION: Set aside \$5000.00 for computer upgrade for the Rector and Holly with any money leftover going to a technology fund.

The admin computer will be the next one up for upgrade.

By next month, I will complete an inventory of other electronic equipment in the building.

Don

St. Paul's Technology

Holly (Computer Name David)

Gateway Intel i3 2120 3.30GHZ (WIN 11 NO)
WIN 7 Home 32 bit OS
6 GB RAM 64bit system
1 TB HDD 96.2 USED

-This is an "all-in-one" computer
-Epson Workforce Pro. Printer

Terrance Computer Name OldGeorge

Dell Pentium 4 (WIN 11 NO)
WIN XP (No longer supported)
2 CD-R drives
2 GB RAM
75 GB HDD 19 GB PS is dying, bearings going out.

HP 4500

Administrative Assistant Computer Name PARISHSUPPORT

Dell Intel i5-4590 3.3GHZ
Win 10 PRO (WIN 11 NO)
8GB RAM
450GB HDD 72GB USED

Canon MB 2700

Middle Office Computer Name Desktop-J304CCL

HP Intel Celeron J1800 2.41
WIN 10 PRO 64
4GB RAM

HP Officejet 8610 *Not in working order*

-This Computer is an all-in-one machine

GEORGE

Win 10 Pro, *is eligible for Win 11.
16 GB RAM
1 TB SSD 902 GB Free

OLD RECTOR

HP WIN 7 Pro Intel Celeron J 1800
4 GB RAM

*This is an All-in-one machine. It is currently running very slowly.

OLD GEORGE

Win 7 Intel Pentium 6630
8 GB RAM 64 bit
WD10EZEX-602F5A0 1 TB

This machine may need a new Power Supply.

SHARON

e-Machine
WIN XP (no longer supported)
IDE DRIVE (no longer supported)

This machine needs to be tossed. A significant mistake was made with this machine. The BIOS was passworded. Nothing can be done with it as no one knows the password to unlock the BIOS.

PAUL

Linux Server
CLEAROS 7.9 Intel CORE™ i5 2400 3.10GHz
4 DDR3 banks, 4GBea 16GB
2 HDD 3TB

This machine has the architecture of a server and had been used at CEC. With the addition of a 1TB Drive it now has a total of 3TB of storage. It is running well and should run for years. A fan is making some annoying noise, but it is of no consequence to the integrity of the system itself.

I installed CLEAR a Linux Operating System and have also installed other software leading to a backup system for the building.

Unknown

DELL Computer Name Jarter2-PC
Intel CORE™ 2 DUO E 7500 2.93GHz

WIN 10 (32) on 64 system (no kidding)
150 GB HDD 77 USED

CD/DVD-R

*This is an odd machine as it is setup to dual-boot either to WIN 10 (32bit) or WIN XP.
I would question keeping this one, although it could be used as a terminal of sorts.
The second partition of the HDD is the same as the first, so it has a full capacity of 300 with 150
in each partition.*

OLD PARISHSUPPORT

DELL Intel Core™ 2 6600 2.4 GHz
WIN 8 4GB RAM 32bit
2 WDC SATA 80GB Drives
C: 80 43.6 USED
F: 80 15.6 USED

2 DVD ROM (1 RW)

ASSISTANT RECTOR'S OFFICE

Gateway Intel CORE i3™ 2120 3.30
WIN 7
6 GB RAM 64bit
WDC WD15EARX 22PA5B0 1.5 TB Mostly unused.

HP ENVY 5660 Printer
*This is an all-in-one machine

OWL LAPTOP

WIN 10 Intel CORE™ i3-1005G1 CPU 1.2GHz
8GB RAM 64 bit
Seagate 1 TB HDD Very little use

This is an older laptop which is on the low end for running WIN 10. While it runs well, it is very slow and cannot multi-task with any efficiency. It is a decent laptop for the Owl.

GREEN

YELLOW

GRAY

RED

This is a good machine, should last many years

Marginal machine

Although it runs, this machine should be replaced

This machine is past its time and should be tossed. It is beyond help.