Internet Infrastructure Agenda

December 27th, 2019

Attendance:

Gorge Moskowitz MD

Micheal from Executel

Ruben Safir from George Moskowitz Office

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1. Current State of the system:

   Explanation from Executel of the current state of our network to include the following points:

   A) Who has the passwords for all the computer systems
   B) Current assessment of Optimum outage
   C) Current assessment of email security and data protection
   D) What versions of software are on our computers and what update pack are they upgraded to?
   E) What Network routers do we have and what is the current state of their settings and firmware?
   F) What is the current list of office printers and how are they integrated into the network?
   G) What is the physical state of the wiring of the system and what are the wirelesss access points?
   H) What is the complete list of software that we run, including version numbers and what purpose does that software serve.
   I) What are the general setting and permissions of the office PCs and equipment.
   J) What is the status of our Optimum account, and do we hae the proper credentials with them
   K) What file servers exist with the office
   L) Phone system infrastructure and PBX
   M) What is the list of network services that we internally provide, and what are the externally provided services and who are they outsourced by.

2. **Network Hardening :**

   ➔ Converting all systems to the latest version of MS Windows 10
   ➔ Using virtualization for Eclinical and other programs
   ➔ Schedule for hardware upgrades and systems retirement
   ➔ Introduction of patient accessible devices

- ➔ VPN access and restrictions
- ➔ Complete separation of business and personal communications
- ➔ Restriction of software installation access including browser plugins
- ➔ Anti-Viral software
- ➔ Firewall set up and settings and the creations of a real DMZ
- ➔ Separation of services on different physical trunks
- ➔ EFAX configuration

3 Systems Changes

- ➔ Current Website on Godaddy and Formsite.
- ➔ Email Service and Domain .
- ➔ LDAP and IMAP services for external email access.
- ➔ DNS Services – What is DNS and how is it needed.
- ➔ Apache Services.
- ➔ Wifi Expansion.
- ➔ Restriction and control of off-site access.
- ➔ Contingency Plan for network outage.
- ➔ Offsite data backup.
- ➔ Medical Systems integration.
- ➔ Automated Systems Upgrades and routing maintenance schedule.
- ➔ Ending and mitigating cloud dependency for core systems and hippa sensitive data
- ➔ Implementing broad use of encryption in communications
- ➔ File sharing portal

4 Other points to be addressed

A)

B)

C)

Conclusions and Plan of Action