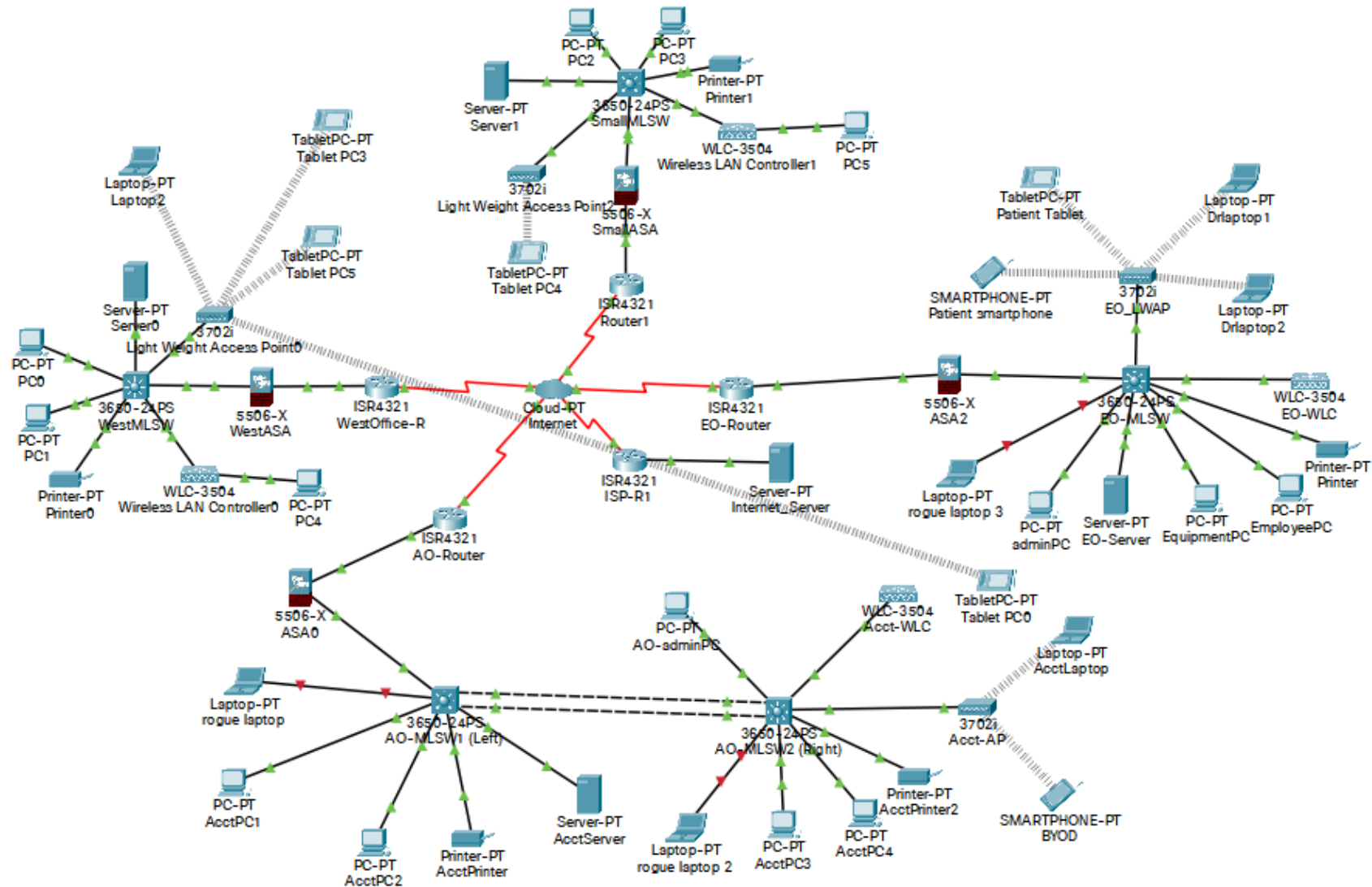




# The Hospital network project

-Skylar York

# Our Network



# HIPPA rules

**HIPPA has 4 rules the HIPAA Privacy Rule, HIPAA Security Rule, HIPAA Breach Notification Rule, and the Patient Safety Rule.**

**Privacy rule**: states that everyone has the right to keep their personal records private and it's the business responsibility to ensure there's no unauthorized access.

**Security rule**: states that every entity must keep patient records safe from unauthorized access during transit and storage it also states businesses must develop, implement, and maintain security measures to protect the security of created, received, maintained, and transmitted files.

**Breach Notification rule**: states that patients are to be informed when their unsecured protected health information is breached in a way that compromises privacy and security of the patient's information.

**Patient Safety rule**: aims at protecting identifiable protected health information that can be used to analyze and improve the safety of the patient.







West Office

The features that will be implemented that will help meet the requirements and the HIPAA obligations are:

### Technical Safeguards:

- **Access control** – requiring all employees to log in with username and password and WIFI for guest to use a passphrase.
- **Logs and Audit Controls** – turning on logging and AAA server to track and allowing only the appropriate personal access to patient's information.

### Physical Safeguards:

- **Access control**- using cable locks on laptops, locked and closed space for server(s) and router(s) and (if possible) surveillance system.
- **Posting Privacy Notices**- printing and posting notices clearly visible area in your office





# Small Office



# The features that will be implemented that will help meet the requirements and the HIPAA obligations are:

## Administrative Safeguards:

- **Conduct Risk Assessment**- identify potential vulnerabilities in your network or security (hiring a Red Hat).
- **Policies and Procedures Management**- All employee's sign and have access to companies SAAS on Network Security; Acceptable Encryption; Information Logging Standard; Acceptable Use Wireless Communications policies and procedures.
- **Contingency Plan**- In case of emergency.
- **Annual Training**- provide and require all employees to conduct HIPAA training.





# ACCOUNTING

Accounting  
Network



# The features that will be implemented that will help meet the requirements and the HIPAA obligations are:

## Notifying patients if there's been a breach:

- When a breach occurs, we'll have an automated email and phone call sent out to all of the patients informing them that there was a breach in the system and we're doing everything we can to prevent future data breaches.

## Backups:

- In case something happens all the devices will be required to be backed up
  - Full back up: every Friday
  - Differential backup (backup of all the files that were changed): every other weekday

## Physical protection:

- Locking all plugs that aren't being used so no one can come up and use it without having permission/access by the hospital itself



East office network



The features that will be implemented that will help meet the requirements and the HIPAA obligations are:

### **Network access:**

With the network access we implemented no matter where a doctor or employee are with their wireless device, they'll be able to connect to the internet from either of the offices' routers they'll just need their username and passkey to login.

### **Data moving throughout the network:**

We implemented the connection to be secure, so while the data is at rest, or it's in movement throughout the network it'll be secure to prevent any from happening to the data





# Questions?



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