

Platinum Information Services—Project Summary

Complete March 2015

Company Profile:

Medium sized Church located in Central Florida.

Scope of project:

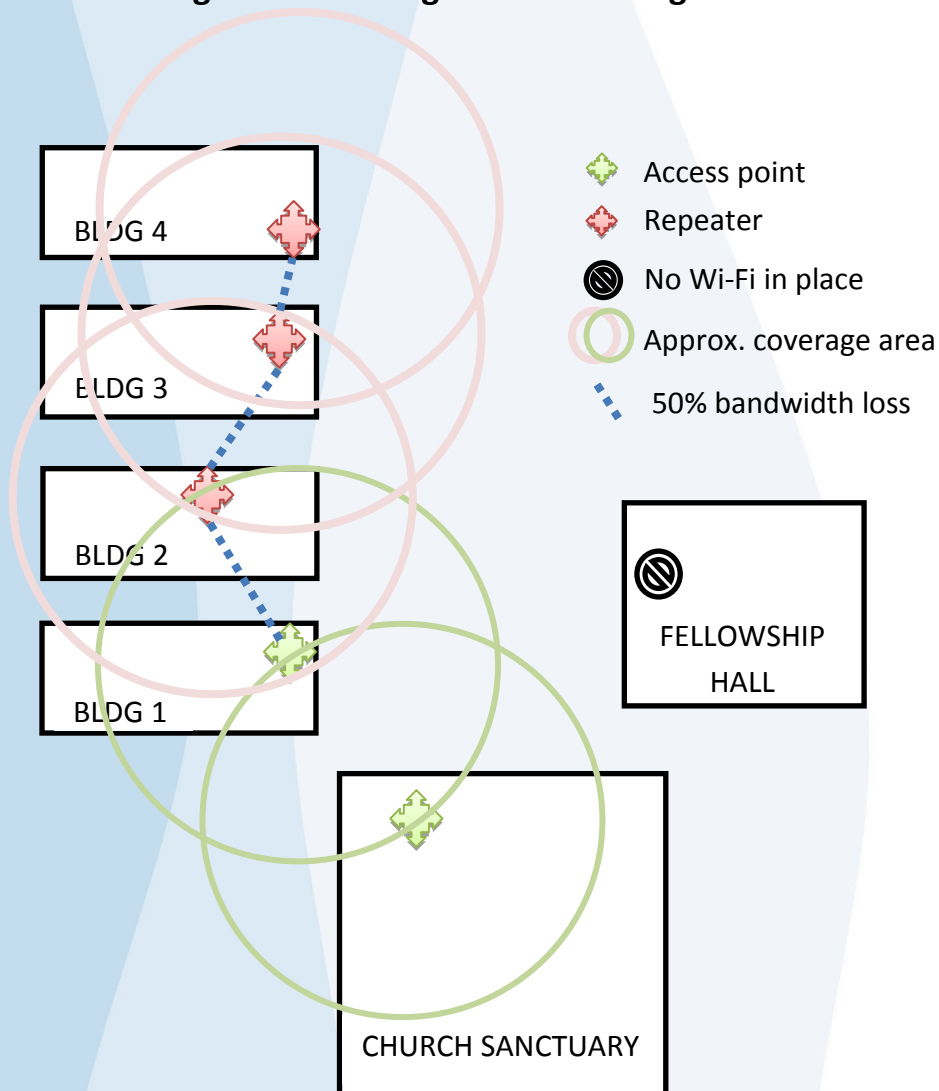
Replace antiquated and underpowered Wi-Fi network with campus wide multi-channel high capacity Wi-Fi solution. To be configured with two separate SSID networks; one private network used by church staff, and a second password protected guest network accessible to parishioners.

Existing environment configuration & challenges:

Existing network using antiquated single-channel access point, dispersed across several individual repeaters resulting in unreliable and very slow to zero connectivity throughout much of the campus.

Each repeater hop reduced available bandwidth by 50% for that next repeater's range.

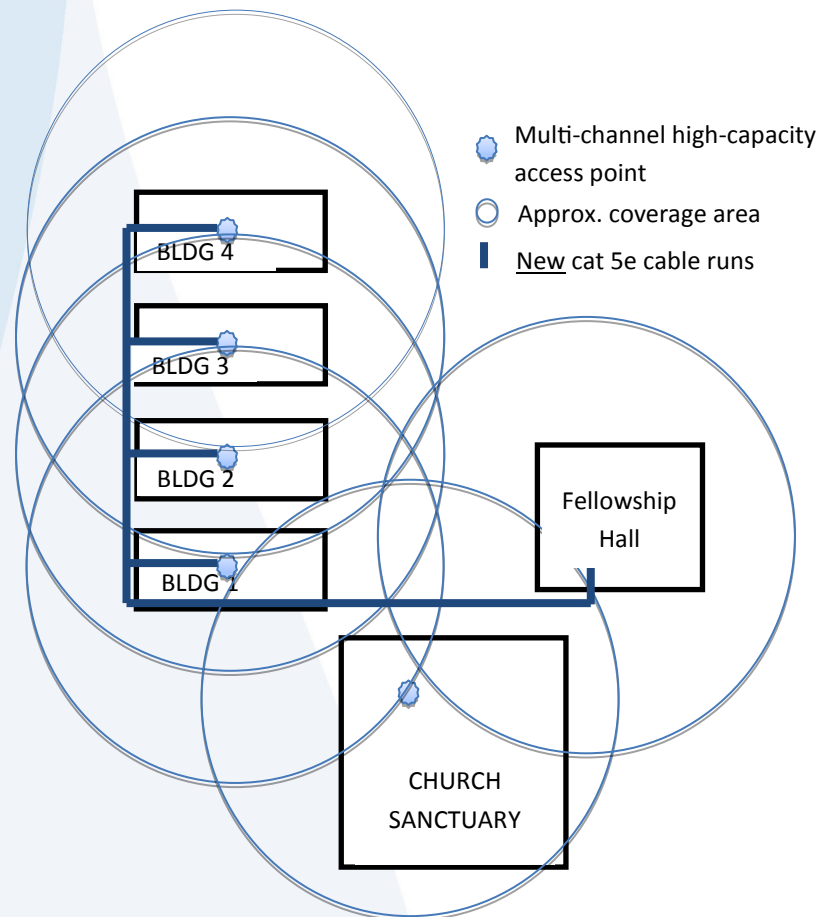
Diagram of Existing Wireless Configuration



Solution implemented:

- New cat 5e cable ran underground from Building 1 to Buildings 2, 3 and 4, and run across the top of the breezeway from Building 1 to the Fellowship Hall. (Diagramed as solid blue line.)
- New enterprise class multi-channel high-capacity access point placed in each building.
- Each access point configured with two separate SSID networks; one private network used by church staff, and a second password protected guest network accessible to parishioners.

Diagram of Solution Implemented



Benefits of Solution Implemented:

- Reliable and consistent wireless connectivity to all buildings and common grounds.
- Low degradation of available bandwidth throughout.
- Capable of connecting several hundred simultaneous users.

Customer's response to solution implemented:

"WOW! I can't believe it's so fast! I could sit in my car in the parking lot and stream YouTube videos if wanted to!!"

Another fine technology solution put in place by Platinum Information services. To learn more about this solution, or other Platinum services, please contact our Florida Support team:

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