

PeopleTech Company Technology Solutions

Project Case Study

Structured Wiring

Customer Profile

Industry: Consumer Home
Initial Home Value: \$150K - \$200K

Situation

A customer renovating a home wanted to have all the necessary wiring placed in the home prior to finishing construction. The customer wanted the ability to add devices ranging from intercom systems to high-speed internet connections throughout the structure. Initially, The customer wanted to have the entire home wired so that devices can be added as necessary. The ability to have all wiring outlets covered and not active until the last minute in order to avoid the high cost of activating all available ports was desired.

Project Scope

The customer's three story home included a basement and the majority of the walls were in the process of being fixed or rebuilt. The customer requested that the main wiring hub be located on the third floor of the home for convenient access and close proximity to the home office. It was necessary to bring all incoming services through the basement and through a smaller secondary hub that ported all services to the main hub located on the third floor. All rooms were to be wired with at least 4 ports of Cat 5E cabling that was able to service the high-speed internet access and telephone service as well as support emerging technologies. Other ports requested included wiring to support a closed circuit video system and/or incoming cable or satellite television.

Each room was given a specific configuration according to the customer's wishes. The configurations included types of possible connections that may be requested in the future. Each room was also allocated a specific number of ports according to the current and possible future purpose of the room.

PeopleTech Experience

PeopleTech consultants were able to plan and design the entire structured wiring system. PeopleTech engineers were able to forward these designs to qualified electricians that completed the work. This resulted in costs reductions as specialized technicians were not necessary. The customer's home was wired within the specified time frame and it was possible to configure the home as needed at the customer's request.

