

Case Study

Home Office in Style



End Customer: Homeowner, Financial Executive
Vertical: Home



About the End Customer

Looking to be able to conduct business and watch the market from his home, this Financial Executive decided to turn an unused, spare room into an elegant, functional and modern home office.

The Challenge

The request was fairly simple – be able to receive up to five different video sources simultaneously over a video wall of four flat panel displays placed in the room, with no latency or quality issues. For the executive, the setup had to provide him with the ability of monitoring market and news, working on presentations, and participating in video conferences, just as if he could in his regular office. In addition, the team of FieldTrees Design Group had to finish the project in one month, from pre-wire to completion.

The Solution

The FieldTrees team installed a full video wall, complete with switching and full display capabilities. They chose WyreStorm 6x6 HDBaseT Matrix, which allows up to six integrated media sources with full switching control of all inputs and outputs from a central control point. The media sources include cable boxes, Apple TV, a Dell computer with Dual HDMI video cards, and a Skype camera, allowing for easy and immediate high-definition video transmission and switching. The four Samsung displays can be used individually, or as a whole for a giant 80" full HD monitor showing a single source. All sources are located in the home's basement, for a sleek and elegant look. Full control is possible through RTI's control system in the customers' Ipad, for a familiar and simple user interface.



Results

The homeowner received a system with the functionalities necessary to answer his business needs, without sacrificing flexibility and ease of use. The ability to use all four displays as one integrated screen provided the proverbial cherry on top of the cake. WyreStorm's 6x6 delivers the full 1080p HD video to the displays without compression, and provides quick and seamless switching upon command.

About HDBaseT

The HDBaseT standard, powered by the Valens chipset, enables all-in-one connectivity between ultra-HD video sources and remote displays through a single cable, delivering uncompressed ultra-high definition 4K video, audio, USB, Ethernet, control signals and up to 100 watts of power.