# Case Study

## The Ultimate Multi-Zone Home

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**WyreStorm®**

**End Customer:** Home Owners
**Vertical:** Home

> ❝ We continuously use WyreStorm as they prove to be an effective solution for both the end user and installer, with this particular model of matrix offering all the features required to meet our exact requirements, while doing so at a very competitive price. ❞

**John Schaffer** from CTS

For more information, please see http://www.wyrestorm.com/sites/default/files/cts_farnham_case_study.pdf.

## About the End Customer

The homeowners were looking at a complete renovation and automation of their home – including full-house distribution of audio and video.

## The Challenge

Going one step further in a renovation and house automation project, the owners of this luxury property went beyond audio & video distribution in the typical spaces – bedrooms, living & dining areas, kitchen and bathrooms, and insisted on having it also available in the swimming pool and garden area, including the garden tree house. A major goal was the ability to distribute any audio and video source to multiple rooms, with simple control in all spaces. In addition, it was important to maintain an elegant and discreet look, so as not to interfere with the interior design of the home. Reliability and flexibility were main elements in this project.

## The Solution

CTS Systems, a local installer and integrator, opted for a WyreStorm system to manage the distribution and control of AV in each of the areas. While the dining room, garden & patio, and master bedroom bathrooms and dressing rooms were audio zone-only areas, the kitchen, living room, bedrooms, swimming pool and garden tree house feature both audio and high-definition video. All equipment is placed in a centralized AV rack. To integrate audio inputs into the system, CTS opted for a WyreStorm HDBaseT matrix, with analogue audio outputs to enable the fluent distribution of audio into the multi-room audio system, without interfering with the performance of the video being distributed for up to 70m/230 ft between the zones.

## Results

HDBaseT brought simplicity and flexibility for this project, eliminating extra equipment, and allowing sources to be placed up to 70m away, for an elegant and clean look, without compromising on video or audio quality.

## About HDBaseT

HDBaseT technology, powered by the Valens chipset, enables all-in-one connectivity between ultra-HD video sources and remote displays through a single 100m/328ft CAT6 cable or fiber, delivering uncompressed high definition 4k video, audio, USB, Ethernet, control signals and up to 100 watts of power.