

THE ENTERTAINMENT MARVEL

WINNER
Ultimate Connected Home



This 10,000+ square foot Westchester County, NY estate is home to a family of five. Osbee worked closely with the client, designer, and general contractor to realize a whole-house system designed for convenience, control, security – and above all – to entertain.

To accommodate the client's desires, this Crestron home-automation and entertainment system included 22 high-definition TVs each with access to 17 high-definition video sources via Crestron's Digital Media™ video distribution system; 32 zones of audio each with access to 26 audio sources; a lighting control system with 164 loads of lighting indoors and out; 14 zones of HVAC with remote sensors and hidden thermostats; and 8 CCTV cameras; all controlled from 11 touchscreens, 9 Crestron remotes, and the family's iPads.

With the designer stressing the importance of the aesthetics, the system was engineered to blend seamlessly into the environment and in many cases enhance it. Thermostats were replaced with remote temperature sensors painted or wallpapered to invisibly match the décor, and 4-gang light switches were replaced with discrete flush-mount lighting keypads. Audio and video sources for the entire house were centralized in a climate-controlled closet, providing each room with access to a multitude of

1 Osbee worked closely with the designer to create an elegant dedicated theater that features a 3D reference projector, a 180" wide curved, acoustically transparent screen with motorized masking, and a movie-theater-quality 4,000 watt surround-sound system hidden behind acoustic panels. Motorized black-out shades, custom LED downlights, and custom RGB color-changing LED lighting can be controlled from the lighting keypad or 15" touchscreen. Custom acoustic panels covering the ceiling are adorned with fiber optic stars. Osbee designed the ceiling so that it is isolated from the floor joists above, and incorporated other special sound isolation treatments to keep the sound from disrupting others in rooms outside the theater.



1

2 The Master Bedroom features a 52" mirror TV above the fireplace. When turned off, the mirror looks like a standard mirror and the room appears to be completely free of electronics.



2

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sources without bulky cabinets or visible equipment other than the display and grilles for the in-ceiling or in-wall speakers. The Crestron lighting control system further enhances the environment through its simple user interface, so that a perfectly adjusted lighting scene now requires pressing just a single button.

High-definition video displays located throughout the house include mirror TVs, 4k Ultra-High-Definition

LED TVs, and a 3D projector with a 180" wide screen in the dedicated theater. The HD video sources include multiple computers, an ADMS Intermedia Delivery System™, and a DVPHD-PRO for the ability to display 4 high-definition sources simultaneously on any TV.



1



2



3



4

1 The Kitchen's 15" touchscreen serves double-duty as a TV and as a command center to control audio, video, lighting, HVAC, and the surveillance system throughout the house.

2 With the centralized distribution system housed elsewhere in the house, the designer was free to create a sophisticated Library without the hindrance and clutter of bulky equipment or visible wiring, while giving the client access to a variety of sources engineered for productivity and relaxation alike. The video processor

allows 4 sources to be displayed on any TV simultaneously. The computer monitor can be used with the hidden local computer or with a global computer located in the A/V Head-End closet. The entire system can be controlled from the 7" desktop touchscreen or the homeowner's iPad.

3 The A/V Head-End, meticulously engineered to ensure adequate ventilation, is centrally located in a climate-controlled closet in the basement to provide TV and audio from a multitude of sources throughout the house without the need for cabinets or equipment in each room.

4 Osbee collaborated with the designer and contractor to install a 65" TV with surround sound in the Family Room without destroying the aesthetics. The center channel speaker required custom engineering to allow a flush-mounted installation between the TV and fireplace.

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