This Project was one of the most exciting projects that I have had the pleasure to design and install. It started out as a relatively simply whole house audio/video system with some basic lighting control, to a fully automated house, as each option presented to the owner became part of the project. First came distributed audio video to every room in the house. That includes the 9 Flat Panel Professional monitors in each bedroom, master bath, living room, lodge room, and bar area. There is a total of 14 zones of audio to work with the TV’s as well as deliver music to area’s that displays were not necessary to have.

Included in the project is a whole house lighting system that grow into controlling every light in the house. Allowing for scenes to set the ambience or turn of the whole house when leaving and also to have vacation modes to make it look like some one is staying there when they are not.

The HVAC system is controllable from the touch screens, IPads, IPhones and even the custom handheld remotes located at every display in the house. Temps can be manually adjusted as well as set in schedules or controlled as a scene in the automation system.

The Security system is another sub-system that ties together with the automation system. Allowing the owner to check and arm/disarm the system from inside and outside the home from any interface. The status and history reports allow the user to see if there is any zone faulted or check the history to see any activity in the past. There is also 6 HDTV IP Cameras, consisting of 3 Pan Tilt and Zoom that can read a plate from 500’ away and 3 fixed IP cameras to cover the property from all angles. These are also able to be displayed on all the TV’s in the house as well as the interfaces (IPhones - IPads - Touch Screens ) in the house. A build in DVR allows for reviewing a few days back.

The Irrigation is the last sub system that is intagrated into the house. Like the other systems, the irrigation can be manually turned on and off and schedules can me made to run the system. As with the security the owner can review the zones that had run in the past to make sure things have been running as planned.

The only two systems that could be integrated but have not yet are the Pool and the Spa. After these two come into the system, the homeowner will be able to control every aspect of his home. Allowing him to truly have his home work for him, instead of him work in his home.