

When a multi-millionaire purchased his Penthouse on the famous Palm Island in Dubai he wanted the latest and greatest in home automation. He came to Control4 to develop the automation system that met his specifications. When Control4 needed to incorporate HVAC controls into their system, they came to MSA Safety to deliver the interface needed.



This project is arguably the highest specification residential fit-out in the Middle East. The client has spared no expense or sacrifice in creating a lifestyle with careful consideration to every single aspect of application, space, comfort, convenience and luxury. It is originally 2 separate penthouses overlooking the man-made Palm Island in Dubai, combined into one single 11,000 square foot home. Two distinct spaces are separated by a corridor with automatic sliding doors between the Formal area with white onyx floors, handmade ivory furniture and vast glass dining table to the casual entertainment lounge with home theater system and pool table.



The technology integrates almost invisibly into this lifestyle to enhance the user experience at every possible opportunity. In line with the client's strict aesthetic requirements and attention to detail, the technology shouldn't be on show, it makes things happen intuitively in total harmony with the surroundings. There are no motion detectors on show here, no thermostats, not even door locks or hinges.

Simply spending time in this place is an experience to remember. On entering the Penthouse, you are greeted by huge double doors, the press of a doorbell will sound throughout the audio system in all active zones and the pinhole camera above the door displays on the two fixed touch panels. You're welcomed inside when the motorized doors swing open. From there you're spoiled for choice; listen to Mozart on some of the world's finest speakers, experience James Bond as never before on a home theater system that will blow you away or relax in the infinity pool on the terrace immersed in a Café del Mar soundtrack. Don't forget to grab a bottle of champagne from the hidden fridge behind the motorized bookcase on your way out! How about a movie in the pool? No problem, hit a button and the TV appears from under the deck and rotates to the optimal position with the back-drop of the Dubai skyline.



The QuickServer XML Gateway was used to enable the Control4 system, utilizing XML to access information from the high-end HVAC system that used BACnet/IP. There are no wall mounted thermostats for controls in the Penthouse. The occupant's RFID tag on tells the system the desired climate conditions and the Control4 system delivers, utilizing the information provided by the MSA Safety QuickServer. This interface made it possible for Control4 to meet the tight specifications of the owner.

