Major Component Summary for Smart Home Design Proposal

(please see Smart Home Design Proposal for complete details)

1) Home Automation Controller and software including Voice Recognition access to all functions and system integration of all functions including Z-wave, Infrared controller, remote Graphical User Interfaces, Web access, landline telephone access, etc.

2) Z-Wave network controller and distributed network components to remotely control:
    1) Bedroom lights, ceiling fan, auxiliary space heater and auxiliary floor fan
    2) Front entrance indoor and outdoor lights,
    3) Existing automatic door opener and to newly installed deadbolt lock
    4) Garage indoor and outdoor lights, remote access of existing garage door opener
    5) Newly installed thermostat
    6) Existing patio door opener
    7) Newly installed office door automatic opener

3) IR Controller and distributed network components to control:
    1) Existing TV, DVD, VCR and Cable TV box
    2) Newly installed IR controlled bed

4) Front door wireless security camera with two-way audio. The consumer will be able to visually monitor and hold a two conversation with person at the front door from is bed using his laptop and Bluetooth headset. Additionally he will be able to remotely unlock and open the front door all from his existing laptop.

5) IR controllable electric bed

6) Automatic door opener for office door

7) Professional grade wireless microphone

8) Tablet PC for remote Voice Recognition and Graphical User Interface when the consumer is using his wheelchair

9) Wheelchair mounting hardware for Tablet PC

10) Switch adapted multi-port Bluetooth headset and Sip ‘n Puff switch

11) Voice command Bluetooth cell phone.

NOTE: With the multiport Bluetooth headset and Sip ‘n Puff switch, the consumer will have complete access to his laptop, cell phone, Tablet PC, front door security camera; that is, his entire Smart Home including lights, fans, thermostat, bed position, audio/video equipment, etc.

NOTE: These components are configured into a redundant system architecture allowing the consumer to access his environment even if the central controller fails, the in-home WiFi fails, his laptop and/or Tablet PC fail, or the Bluetooth headset fails.