



Habitat For Humanity
Gift Home



www.trivista.ca
613-831-5536

The Smart Home People™

Smart Home Capabilities

TriVista Smart Homes is pleased to provide advanced Control4® [Smart Home Capabilities](#) to the Habitat for Humanity Gift Home. This highly automated smart home is safer, more enjoyable, and offers far greater comfort and convenience than an ordinary home. The home's various systems can be easily controlled from an Apple iPad docked in the kitchen wall, a simple remote control, smartphone, or internet. The home will automatically notify the homeowner when their attention is needed. It also delivers advanced energy management capabilities, helping the homeowner contribute to a green living lifestyle.

The Gift Home's owner will enjoy simple, centralized control over lighting, music, home theater, temperature and security. Wireless, IP-based products integrate existing technology into one complete system, providing a new level of entertainment, comfort and convenience to the family. Smart lighting uses timers, motion sensors and dimmers to enhance security and reduce energy costs.



Control & Convenience

The entire home can be easily controlled from the Apple iPad, which can be undocked and moved anywhere in the home. Temperature and lighting levels are set according to one-touch scenes like "Good Night", or based on events such as occupancy or time of day. Temperature is adjusted automatically when the family arrives or leaves, goes to bed, etc. The home can be monitored and adjusted from anywhere in the world via smartphone or internet.

Smart Lighting

Main room lights are controlled by smart dimming light switches. Lights can be controlled from the iPad or remote control. Lighting scenes offer simple and elegant control over lighting. Lights will react automatically when entering or leaving a room.

Safety and Security

Lights will turn on automatically in the event of an emergency such as an intrusion or fire. If away, the home will automatically notify the homeowner by phone of any problem or emergency, such as water on the floor, temperature too low, or window left open. Parents will be notified of children's arrival home, TV viewing, or gaming time. Simulated night-time occupancy reduces odds of intrusion.

One-Touch Home Theatre/TV

Simplifies the control of audio, video and home-theatre components, eliminating the need for multiple remotes. A simple whole-house remote features a backlit LCD screen, and the ability to browse media and control

other automated devices in the home. A true cinematic experience can be enjoyed in the recreation room.

Multi-room Music

Digital music collections and DVDs can be stored, organized, and streamed to several rooms in the house from multiple sources. Play rock in the family room, and jazz in the kitchen!

Energy Management

Electricity wastage is reduced by automatically shutting off lights when not needed. Lighting levels are reduced when full brightness is not needed, reducing electrical costs and prolonging bulb life. The home reduces heating/cooling energy consumption by automatically adjusting temperature based on when people are home, what they are doing, and what parts of the home are occupied. And the system will adjust energy consumption in response to the Time of Use (ToU) electrical rates. Even the audio amplifier has a power-save feature that automatically puts the amp into a low power state when not in use.

Future-Proof

The Gift Home is extensively wired to future-proof it against future advances in technology. The home is completely wired for security, multi-room streaming digital audio in nearly every room, High-Definition TV and source sharing in all major rooms, surveillance cameras, high-speed internet, and more.

One-Touch Home Theatre/TV	<ul style="list-style-type: none"> • Single remote to operate home theatre/TV • Select movies by cover art • On-screen home control display • Select, Navigate, play, record programs via Apple iPad
Control & Convenience	<ul style="list-style-type: none"> • One wireless remote for entertainment, security, lighting, etc. • Automatic temperature adjustment • Pre-programmed lighting scenes (<i>Welcome, Goodbye, Entertain, Watch TV, etc.</i>) • Automatic homeowner alert notifications
Multi-Room Music	<ul style="list-style-type: none"> • Stream digital music throughout the home • Select different music by room • Control music source with Apple iPad, remote, or smartphone • Manage digital music collections
Smart Lighting	<ul style="list-style-type: none"> • All ON, all OFF convenience • 0-100% light level (dimming) control • Convenience scenes (<i>Welcome, Goodbye, Entertain, Watch TV, etc.</i>) • Proximity Lighting control • Event-driven lighting control (arrive/leave home, intrusion, fire, etc.)
Safety & Security	<ul style="list-style-type: none"> • Simulated occupancy • Automatic Homeowner Alerts • View camera feeds on TV, touchscreen, smartphone • All ON Lighting upon intrusion • Flash exterior Lights in emergency • Lights ON, Furnace OFF if fire detected
Green Home	<ul style="list-style-type: none"> • Motion Sensor for proximity-based room control • Smart Thermostat for program control of heating/cooling • Lighting dimming, scene control • Lights Auto-OFF on leaving room • Occupancy-based lighting, heating/cooling control • Automatic adjustment of energy consumption based on Time Of Use electrical rates.

Equipment List

Smart Home Controller

Music and Home Controller. Control music, comfort, security, lighting, video. Online music recognition and storage, digital audio streaming.



- ☑ wireless communication
- ☑ Browse by artist, song, genre, cover art.
- ☑ IR, contact, relay, serial connections.
- ☑ USB storage connection
- ☑ HD onscreen navigation.

Smart Thermostat

Intelligent climate control. Bi-directional communication with heating/cooling system.



- ☑ Personalized programming with up to six different setpoint periods/day
- ☑ Automatic changeover between heating and cooling, plus overshoot and undershoot settings for reduced system cycling.
- ☑ Manual override
- ☑ Backlit LCD
- ☑ Intuitive user interface
- ☑ 5 soft menu buttons
- ☑ single/multi-stage system control

My Home Apple iPad® Interface

Full fingertip home control on a portable wireless Apple iPad.



- ☑ WiFi Connection
- ☑ Full Control4 Director Menu
- ☑ Control music source and playlists
- ☑ Easy setup/configuration
- ☑ View Camera images

Smart Home Remote

Sleek, compact remote provides customization and control never before possible in a handheld device.



- ☑ Backlit LCD screen
- ☑ Wireless—no need to point at device
- ☑ Single-button Audio/Video control
- ☑ Replaces all other remotes
- ☑ Context sensitive programmable buttons
- ☑ Rogers/Bell ExpressVu onscreen Guide/PVR
- ☑ Motion-activated power on/off

Multi-Room Audio

Delivers audio throughout the home. Digital amplifier delivers music from any connected source, via local household network.



- ☑ 4-source, 4-zone audio distribution Amp
- ☑ 5 band parametric equalizer
- ☑ 30W per channel
- ☑ 4 in-wall room keypads
- ☑ Wall port

Smart Light Switches

Elegant and convenient lighting control via beautiful dimmable wall switches.



- ☑ Control up to 1000W load, or music, etc.
- ☑ Customizable LED status lights for user feedback
- ☑ Ergonomic smoothed design for fingertip control
- ☑ Decora wall plate

Green

The Gift Home contains state-of-the-art smart home energy conservation capabilities. The homeowner will contribute to a green living lifestyle, and realize financial savings on the monthly energy bills. **This home will eliminate over 850 pounds of CO2 emissions each year.** That's like not driving a car for a month. Below are some of the ways the home will reduce energy consumption:



- Lights will come on when needed, and go off when not needed, reducing lighting bills.
- By operating incandescent lighting for a greater percentage of time at less than 100% brightness, not only is energy reduced, but the life of the bulbs are extended. Further saving can be realized by purchasing fewer bulbs. A typical 75-watt halogen pot light can cost \$8 or more, and the home can easily have 60 or more such bulbs.
- Lights can be programmed to turn on and off at the appropriate time of day and year in order to reduce waste. For instance, the exterior lights turn on precisely at dusk, and turn off exactly at dawn every day, by following the dawn/dusk times each day according to the latitude and longitude of the home.
- Motion sensors let the Control4 system know when to turn lights off in unoccupied rooms
- Control4 can dim lights to reduce energy consumption with the ability to manage energy-saving dimming that is imperceptible to the human eye
- The heating/cooling will be adjusted based on whether or not anyone is home. If nobody is home, less energy will be consumed. The temperature is automatically adjusted back to comfort levels when someone returns home.
- Power-save mode on the audio amplifier reduces energy consumption when not in use.
- Ontario will soon be implementing Time of Use (ToU) electrical billing. The home's smart electrical meter will charge more for electricity usage during peak daytime hours than in off-peak evening hours. This smart home will automatically adjust consumption downwards during peak hours to further reduce energy costs.

DIMMING THE LIGHT THIS MUCH:	10%	25%	50%	75%
SAVES THIS MUCH ENERGY:	10%	20%	40%	60%
& EXTENDS YOUR BULB LIFE BY:	2x LONGER	4x LONGER	20x LONGER	More than 20x LONGER