

CEA TechHome™ Rating System

1- Home Entertainment	Yes	# of Rooms	Equipment to be sold with home?		Comments
			Yes	No	
■ Cable TV (Jacks)	_____	_____	_____	_____	_____
■ Satellite TV (DBS Small Dish)	_____	_____	_____	_____	_____
■ Satellite TV (Large Dish)	_____	_____	_____	_____	_____
■ In-Wall Speakers Installed	_____	_____	_____	_____	_____
■ Other Multi-Room Audio/Video Wiring (Please Describe)	_____	_____	_____	_____	_____

Qualifies for category: If 1 or more checkmarks, place Y here: _____

2- Communications	Yes	# of Rooms	Equipment to be sold with home?		Comments
			Yes	No	
■ Telephone Extensions	_____	_____	_____	_____	_____
■ Multi-line Phone System (PBX)	_____	_____	_____	_____	_____
■ Intercom	_____	_____	_____	_____	_____
■ Other (Please Describe)	_____	_____	_____	_____	_____

Qualifies for category: If 1 or more checkmarks, place Y here: _____

3- PC Networking and Internet Sharing	Yes	# of Outlets	Hub/Switch to be sold with home?		Comments
			Yes	No	
■ Ethernet Local Area Network (LAN)	_____	_____	_____	_____	_____
■ Other (Please Describe)	_____	_____	_____	_____	_____
■ High Speed Internet Access	_____	_____	_____	_____	_____
• ADSL In Use	_____	_____	_____	_____	_____
• ADSL Available	_____	_____	_____	_____	_____
• Cable Modem In Use	_____	N/A	_____	_____	_____
• Cable Modem Available	_____	_____	_____	_____	_____
• Satellite Dish Based In Use	_____	N/A	_____	_____	_____
• Other (Please Describe)	_____	_____	_____	_____	_____

Qualifies for category: If 1 or more checkmarks, place Y here: _____

4- Home Security	Yes	# of Sensors/ Locations	Equipment to be sold with home?		Comments
			Yes	No	
■ System Installed	_____	_____	_____	_____	_____
■ CCTV Camera(s) Installed	_____	_____	_____	_____	_____
■ Other (Please Describe)	_____	_____	_____	_____	_____

Qualifies for category: If 1 or more checkmarks, place Y here: _____

5- Home Control/Home Automation	Yes	# of Rooms	Equipment to be sold with home?		Comments
			Yes	No	
■ Multi-Room Lighting Control System	_____	_____	_____	_____	_____
■ Home Automation System (Specify Brand)	_____	_____	_____	_____	_____
■ Energy Management System	_____	_____	_____	_____	_____
■ Window Covering Controls	_____	_____	_____	_____	_____
■ Pool/Spa Controls	_____	N/A	_____	_____	_____
■ Other (Please Describe)	_____	_____	_____	_____	_____

Qualifies for category: If 1 or more checkmarks, place Y here: _____

Bonus Category	Structured Wiring	Yes	# of Rooms
	■ Structured Wiring System	_____	N/A

(Meaning most rooms have special purpose jacks/outlets each of which is separately connected by high performance in-wall wires and cables to a central distribution box or panel.)

SCORING

If you have answered Yes to Structured Wiring System above, automatically give your home a rating of 5. If not, add the number of categories (1-5) for which your home has qualified. Enter your Final Rating in the space below.

Final TechHome Rating _____

Using the TechHome Rating System

Review each bullet point under the five categories. If you have this type of system installed or available in your house, check Yes. Also indicate how many rooms it is in and whether the equipment will be sold with the home. If you have one or more check marks your home qualifies for that category.

To determine your final TechHome Rating (1-5), add the number of categories for which your home qualifies, i.e. if your home qualifies for three categories, you have a TechHome 3 Rating. It is important to remember that if you qualify for the Bonus Category – Structured Wiring System – your rating is automatically raised to a 5.

Home Entertainment

- **Cable TV (Jacks)** – Wall plates/jacks with a threaded "F" connector commonly used to interconnect TVs, VCRs, cable television and other video sources using coaxial cable. These cables and jacks also can be used for PC networking and Internet sharing.
- **Satellite TV (Small Dish)** – Direct Broadcast Satellite (DBS) is a subscription service that uses high-powered satellites to broadcast a digital TV signal to small 18" dish antennas.
- **Satellite TV (Large Dish)** – C-Band satellite system that uses lower powered satellites to transmit an analog signal to larger dishes.
- **In-Wall Speakers** – Audio loudspeakers that are recessed in walls or ceilings to reproduce music or video soundtracks.

Communications

- **Telephone Extensions** – Any jack that provides access to telephone services from inside or outside of the home. Among the many types of telephone jacks in use, wall plates with the familiar square, four-pin RJ-11 jack are the most common.
- **Multi-line Phone System** – Multi-line or private branch exchange (PBX) phone systems automatically connect individual telephone extensions (also called stations) to an external telephone line, routing each call to the appropriate line or extension. Each line can support several extensions, reducing the number of lines that must be leased from the telephone company.
- **Intercom** – An in-home communication system that allows users to page and speak with each other from different rooms.

PC Networking and Internet Sharing

- **Local Area Network (LAN)** – A network of personal computers and peripheral devices configured to share information within the home. Ethernet is the most common computer network and is usually characterized by RJ-45 jacks.
- **High-Speed or Broadband Internet Access** – A connection to the Internet that transfers data faster than a traditional telephone modem (dial-up) connection. The most common services are digital subscriber line (DSL), cable modems or direct broadcast satellite (DBS).

- **Asymmetric Digital Subscriber Line (ADSL)** – The most common form of DSL is asymmetric in that users can download or receive data much faster than they can upload or send data, which optimizes the available bandwidth for Internet navigation.
- **Cable Modem** – A device that provides high speed Internet access through the local cable television system.
- **Satellite Dish-Based Internet** – A high-speed connection that uses a small dish antenna and digital transceiver to connect to the Internet.

Home Security

- **Home Security System** – A system designed to detect unauthorized intrusion into a residence or surrounding area. Most are professionally installed, will sound an alarm at the site, and report to a central station for a monthly fee.
- **CCTV Cameras** – Closed circuit television (CCTV) distributes video signals from cameras and other sources to monitors within the home but are not broadcast publicly. CCTV is commonly used in surveillance systems.

Home Control/Home Automation

- **Multi-Room Lighting Control System** – These systems remotely control a large number of lights without using switches in each room. Programmable lighting scenes can be activated from touch-screen remotes, small wall-mounted keypads or wireless remote controls.
- **Home Automation System** – Automatically controls a home's systems including, lighting systems, heating, ventilation and air conditioning (HVAC) systems, appliances and security systems. These systems automatically operate and adjust the devices so they can work together to improve the safety, comfort and convenience of a home.
- **Energy Management System** – Integration of a home's systems to maximize energy efficiency.
- **Window Covering Controls** – Devices installed to open and close shades and drapes. Larger window treatments may have a motorized track installed above the window.
- **Pool/Spa Controls** – Devices that manage the temperature and flow of water in swimming pools.

Structured Wiring System

A structured wiring system is composed of special purpose jacks/outlets in commonly used rooms, where each jack is separately connected by high performance in-wall wires and cables to a central distribution box or panel. These systems enable whole-home distribution of audio, video, data and control signals.