

Farrar Green Home Smart Home System



What is the Farrar Green Home Smart Home System?

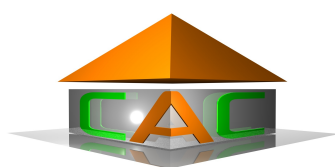
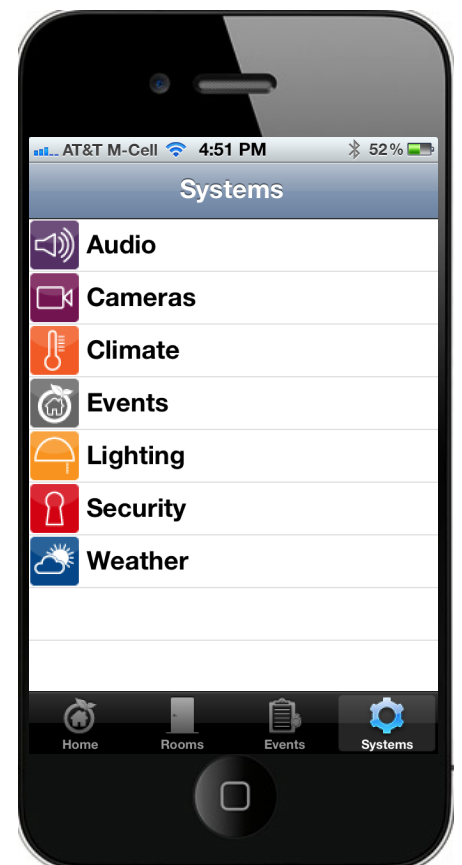
The Smart Home System controls the entire home with a touch, from anywhere in the world, using an iPhone, iPad or computer. Yes, there is an app for that! The Cortexa controller manages the home's climate, lighting, security, audio, and irrigation systems. It is easy to program and easy to use. As an example, the 31 irrigation zones are programmed to water based on the specific needs of each group of plants in the sustainable farm, automatically adjusting the watering schedule based on weather conditions, and sending an email each time a program runs. Do you think the bananas need a bit more water? Just touch "run bananas" on your iPhone and the water comes on!

How Does it Work?

The Home Automation system was designed, integrated, and programmed by California Automation Consultants. The Cortexa master controller integrates control of all the home systems from a single interface. The Cortexa controller manages off-the-shelf residential subsystems using pre-configured and user-defined events for flexible and easy-to-use home automation. This allows users to write and edit their own macros to control the various home systems with intuitive setup and operation and provides quick and easy access to monitor and manage the operation of the home. The interfaces chosen were based on the iPad application and include both wall mounted and portable devices connected to the home network. Monitoring and control is also provided over the internet from any location using the iPhone or a PC application.

Features:

- Home network with both ethernet and wireless access.
- Climate control using HAI Omnistat II RC1000 thermostats, controlling 4 zones of both heating and cooling from the geothermal ground source heat pump.
- Pool heating control using another HAI Omnistat II thermostat for both pool and spa heating.
- Lighting using Lutron Homeworks controller.
- Audio using NuVo Grand Concero whole home audio with 8 zones, 6 input channels and 6 capacitive touch OLED display keypads, plus a NuVo audio server for central storage of all audio files.
- Irrigation using Rain8 controllers with 1 Pro2 Master Module and 3 Pro2 extension modules, providing 31 independent irrigation zones using well water.
- Security using HAI Omni II Security System with 32 zones.
- Security cameras with motion sensed recording on the Cortexa hard drive.
- Global Cache relay control for garage doors and security gates.



CALIFORNIA AUTOMATION CONSULTANTS

