

Home Automation Applications



Dear Homeowner,

Thank you for taking the time to review this document.

In the early stages of new home and renovation projects, our customers are excited about using home automation for their new home. We have created this applications list to help you become familiar with home automation applications.

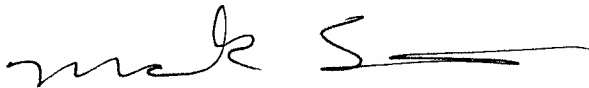
Inside you will find a listing of many applications that are possible in your home. Most of these applications are enabled by using a Domain Controller from Destiny Networks. Some applications like phone systems and networking are stand-alone and do not require a Domain Controller to implement.

The checkboxes in the left column are there to help you keep track of the applications you find most important or interesting. By noting the applications that are important to you, your integrator will better able to fulfill your needs.

This applications list serves one other very important purpose. It describes what is possible using Destiny Networks' Ubiquity configurable software application. If what you want to do is on this list, then it is straightforward for your integrator to implement. However, if you dream of things that aren't on this list then to implement your idea may be more difficult. Typically your integrator would have to write a custom program to automate your idea, generally a much more expensive and time consuming process. Regardless, we would like to know your idea since one of the key advantages to an application is that it can be upgraded. It's possible that your new idea may be included in the next release.

Good luck with your project. If we can help in any other ways, including helping you find an integrator in your area, please don't hesitate to contact us.

Sincerely,

A handwritten signature in black ink, appearing to read 'Mark Stiving', with a long horizontal flourish extending to the right.

Mark Stiving
President & CEO
Destiny Networks, Inc.

Audio / Video Entertainment: Home Theater

- Replace all remote controls with one easy-to-use interface ...
- ... simple, handheld remote control - always accessible, obvious how to use it
- ... keypad on the wall by the door - get things started as you walk in the room
- ... great looking graphical touch screen display at various sizes and prices
- Reliable communication to all of the AV components, always
- Reliable 2-way control of all components so the system always works
- One touch on the user interface ...
- ... turns on all the right components (e.g., VCR, DVD, cable, surround sound, display)
- ... drops down the screen or raises the lift
- ... closes the curtains
- ... dims the lights
- ... arms the security system
- ... adjusts the heat to the right temperature
- Use your large screen TV as a computer screen to ...
- ... surf the web from your couch
- ... access the user interface to your home
- ... work from the comfort of your living room
- Have the entertainment system turn off automatically after you've left the room for a while

Audio / Video Entertainment: Whole House Music

- Distribute music to multiple rooms of your home to ...
- ... utilize a central library of music
- ... listen to the same music in every room
- ... listen to different music in each room
- ... wake up to gradually increasing music
- ... play what's playing in the adjacent room with the touch of a single button
- Control the music from ...
- ... the keypads and displays associated with the audio switch
- ... with the same remote control that controls the TV and music
- ... with the touch of a single button on a keypad
- ... from the graphical display on the wall
- ... by time of day or time relative to sunrise or sunset
- ... from your PC at work or at home
- ... automatically when you walk into and out of a room
- Have the music automatically turn on as you enter a room, turn off as you leave
- Have the same music follow you from room to room

Audio / Video Entertainment: Whole House TV

- Distribute video sources throughout your home to ...
- ... start a DVD in the living room and watch the end in your bedroom
- ... buy fewer source components
- ... play the same show on every TV in your home while doing chores
- Have the TV automatically turn on as you enter a room, turn off as you leave
- Have the same TV show follow you from room to room in a constrained set of rooms

Cameras to monitor your home

- See who is at the front gate or front door
- Monitor all outdoor areas
- Deter burglars from your home
- See your baby sleeping, even from work
- See your nanny with your child
- Let your parents see their grandchildren playing remotely

Curtains

- Quickly and easily open and close curtains to ...
- ... reduce glare on the TV set
- ... close your home up for the night
- ... welcome the sunshine in the morning
- ... help you wake up in the morning
- ... close up the vacation home as you leave
- ... protect furnishings from the sun's damaging rays
- ... reduce the cost of heating and cooling
- ... reduce drafts and cold spots in the room
- Open and close the curtains ...
- ... with the same remote control that controls the TV and music
- ... with the touch of a single button on a keypad
- ... from the graphical display on the wall
- ... by time of day or time relative to sunrise or sunset
- ... from your PC at work or at home
- ... automatically when you walk into and out of a room

Displays and keypads

- Install attractive displays in multiple rooms of your home and use them to ...
- ... view the floor plan of your home and know which rooms have their lights on
- ... view the floor plan of your home and know which rooms are occupied
- ... control and monitor devices in every room of your home
- ... view cameras located everywhere around your home
- ... receive Internet feeds of news and weather
- Use less expensive, simple, attractive keypads to ...
- ... set the lighting scene for the room
- ... control the curtains, fans, fountains, fireplaces, and windows
- ... turn the music on and off, select a music source, and set the volume
- ... play the music that is playing in the adjacent room
- ... arm and disarm the security system
- ... set the temperature in the room to the ideal temperature
- ... set the temperature to conserve energy

Do it yourself

- Integrators are worth their weight in gold for design and installation, but you may want to ...
- ... change individual lights in a lighting scene to set the ideal mood
- ... create your own timer events to wake up with lights, music, and the ideal temperature
- ... control when the outdoor lights turn on and off automatically
- ... determine whether the TV should turn on when the room goes to TV scene
- ... change the lighting level of every room of your home during a party

Doors

- Display all open doors on the touch panel or PC displays in your home
- Add a surveillance camera to each door so you can see who's there from a safe distance
- Unlock your back door from work to let someone in
- Unlock your doors without carrying keys
- Close the garage door from work

Driveway Entry Gates

- Automatically open the gate only during the hours workers will be present
- Automatically close the gate every day at sunset
- Open and close the driveway gate from anywhere
- Open the driveway gate even during a power failure
- Open up a video image of the car or person at your gate on a display in your home

Easy to upgrade

- Replace the DVD player with a newer model and update the control software in seconds
- Get the next set of features by easily upgrading the software on your home controller

Fireplaces

- Turn your fireplace on and off ...
- ... with the same remote control that controls the TV and music
- ... with the touch of a single button on a keypad
- ... from the graphical display on the wall
- ... by time of day or time relative to sunrise or sunset
- ... from your PC at work or at home
- ... automatically when you walk into and out of a room

Fountains

- Quickly and easily turn your fountains on and off to ...
- ... save energy
- ... reduce noise
- Turn fountains on and off ...
- ... with the same remote control that controls the TV and music
- ... with the touch of a single button on a keypad
- ... from the graphical display on the wall
- ... by time of day or time relative to sunrise or sunset
- ... from your PC at work or at home
- ... automatically when you walk into and out of a room

Garden

- Control each sprinkler in your lawn and garden separately ...
- ... by time of day or time relative to sunrise or sunset
- ... from your PC at work or at home

Heating and cooling

- Make your life more comfortable and save energy
- Create multiple heating and cooling zones to ...
- ... get the ideal temperature in each room
- ... save energy in rooms where it is not needed
- ... help make a greener world
- Set the ideal temperature in a room from ...
- ... an attractive thermostat on the wall
- ... with the same remote control that controls the TV and music
- ... with the touch of a single button on a keypad
- ... from the graphical display on the wall
- ... by time of day or time relative to sunrise or sunset
- ... from your PC at work or at home
- ... automatically when you walk into and out of a room
- Set back the temperature in all rooms with a single button when you leave your home
- View from your PC which zone are in heating, cooling, and off

Intercom and paging

- Use your telephones as an intercom and paging system
- Page someone anywhere in your home
- Page someone from any phone (for example, to have them answer a phone call)
- Intercom specific rooms or multiple rooms with the touch of a finger
- Listen to your baby sleeping from any room in your home
- Listen to your kids playing in another room

Knowledge of what rooms are occupied

- Find your toddler, kids, and/or spouse quickly
- Know when your kids get home from school - even from work
- Know if your kids are having a party while you're away
- Know what rooms your workers are in on your PC at work
- Know where intruders are and how to avoid them

Lights

- Create elegant lighting scenes that set the mood of the room
- Adjust the lighting scenes yourself without calling the integrator for help
- Turn the outside lights on at dusk, off at 11pm
- Wake up to gradually increasing lights
- Blink the lights to announce when it's time to leave for work
- Turn off all lights in your home with a single button
- Light up the outdoor lights when you drive in the driveway at night
- Walk to the bathroom at night without waking your spouse or stubbing your toes
- Control the lights in any room ...
- ... with the same remote control that controls the TV and music
- ... with the touch of a single button on a keypad
- ... from the graphical display on the wall
- ... by time of day or time relative to sunrise or sunset
- ... from your PC at work or at home
- ... automatically when you walk into and out of a room

Networking

- Have a very high speed wired network among multiple rooms of your home
- Have wireless access throughout your home
- Extend the wireless network to your yard and pool
- Access the Internet and share files and printers from all PCs
- Access your home remotely (hotel or office) while securely blocking others
- Create an "always on" network that is secure
- Make you network resilient to power failures

Player piano

- Control the player piano from any room in your home
- Wake up to your favorite music being played on your piano
- Control the piano ...
- ... with the same remote control that controls the TV and music
- ... with the touch of a single button on a keypad
- ... from the graphical display on the wall
- ... by time of day or time relative to sunrise or sunset
- ... from your PC at work or at home
- ... automatically when you walk into and out of a room

Privacy/Notification

- Be notified in the master bedroom when the kids leave their rooms and enter the hallway
- Be notified when someone enters the pool area or the wine cellar

Security

- Arm for home, arm for away and disarm the security system with ...
- ... the keypad of the security system
- ... with the same remote control that controls the TV and music
- ... with the touch of a single button on a keypad
- ... from the graphical display on the wall
- ... by time of day or time relative to sunrise or sunset
- ... from your PC at work or at home
- Create paths of light moving through your home to make it look lived in
- Know what window or door has been breached
- See who's at the gate or door before opening it, even from work
- If an intruder breaks in, know where he is so you can avoid him
- Know whether or not your garage door is closed, and close it - even from bed or work
- Unlock your doors without carrying keys

Structured Wiring

- Add structured wiring for...
- ... data networking
- ... telephone
- ... audio and video
- ... security
- ... lighting
- ... HVAC
- ... relay controlled devices
- ... future applications

Telephone

- Add a PBX to your home to enable the following features...
- Add intercom and paging to every phone in your home
- Have the door bell "ring" through out your house on all phones
- Speak with the person at the door from any phone
- Open the driveway gate and/or front door from any phone
- Have multiple phone numbers and answer them from any phone
- Use a different ring for each phone number
- Block 900 reverse charge calls
- Automatically dial a friend's number with a touch of a button
- Redial the last number with a touch of a button
- Conference in two friends on the same call
- Let your friends listen to music while on hold
- Save on long distance calls using VoIP
- View the caller ID on all phones
- Audibly announce the caller's name over the intercom
- Each member of the family gets his/her own mail box and voice message light for voice mail
- Easily leave voice messages to your kids or spouse instead of writing notes
- Automatically send the same message to every parent on the soccer team

Wake up alarm

- Wake up to one or more of the following ...
- ... 20 minutes before the alarm goes off heat the room to 70° F
- ... 10 minutes before turn on the hot water recirculator to prepare the shower
- ... when the alarm goes off, begin playing your favorite music very softly
- ... 1 minute later turn the lights on dimly
- ... 2 minutes later increase the volume of the music and the brightness of the lights
- ... 2 minutes later open the curtains

Water

- Automatically turn the hot water recirculator ...
- ... on 10 minutes before your wake up alarm
- ... off when you go on vacation
- Turn on and off the hot water recirculator and/or ...
- ... with the same remote control that controls the TV and music
- ... with the touch of a single button on a keypad
- ... from the graphical display on the wall
- ... by time of day or time relative to sunrise or sunset
- ... from your PC at work or at home
- ... automatically when you walk into and out of a room

Windows and skylights

- Quickly and easily open and close windows and skylights to ...
- ... bring in fresh air
- ... help you wake up in the morning
- ... close your home up for the night
- ... close up the vacation home as you leave
- ... reduce the cost of heating and cooling
- Open and close curtains ...
- ... with the same remote control that controls the TV and music
- ... with the touch of a single button on a keypad
- ... from the graphical display on the wall
- ... by time of day or time relative to sunrise or sunset
- ... from your PC at work or at home
- ... automatically when you walk into and out of a room

Destiny Networks, Inc.
15750 Vineyard Blvd., Suite 120
Morgan Hill, CA 95037
408-779-0060
www.DestinyNetworks.com

