

SMART WIREFREE

Home Automation Solutions



Collection '2017

What is Home Automation?



Home automation systems are designed to make a home owners life more comfortable, convenient and secure.

With a range of solutions available from Crabtree, a home can be tailored to the exact specifications of the owner. From increased energy efficiency to maximized convenience, owners can build a system to meet their exact needs.

Crabtree Home Automation System never sleeps or forget and always operate at peak efficiency to provide the occupants with optimized and customised environment..

Crabtree Smart Wirefree Home Automation Solution

Crabtree Smart Wirefree home automation range has been created to make home automation simple, adaptable, and easy to manage.

The Smart Wirefree Solution provide the same level of functionality as the wired ones without changing anything at existing home that means you need not change the existing wiring nor the existing switches. Miniaturized modules get installed in existing wall switch board and the system is ready.

Smart Wirefree Solution is compatible with most 3rd party automation solutions and Crabtree smart living wired automation solutions.

Easy to Install

Smart Wirefree device

Miniature Smart Wirefree Modules

- Lighting
- Shading
- Air Conditioning
- Video Monitoring
- Background Music
- Home Cinema
- Energy Monitoring
- Security
- Access Control
- Floor Heating

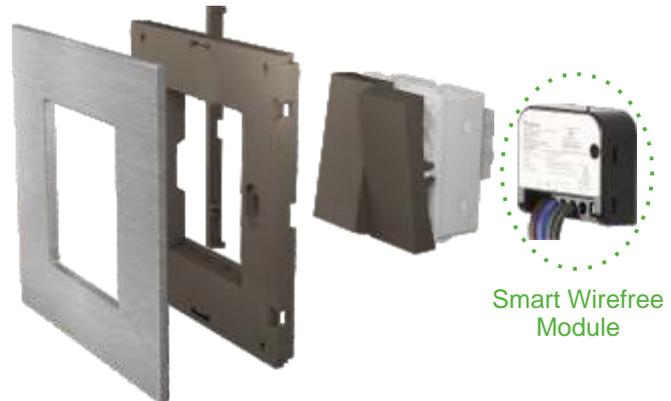
Who Can use Crabtree Smart Wirefree?

Crabtree Smart Wirefree has been designed to be used by both professional installers and home owner with an aspiration to upgrade to smart home without changing existing wires and switches.

It is done in just three simple steps :

Step 1

Install Selected Modules



Step 2

Install the App



Step 3

Run the App



Once the app has finished configuring the modules, its user friendly interface will set up your automation solution enabling appliances to be controlled, scenes built and events scheduled.

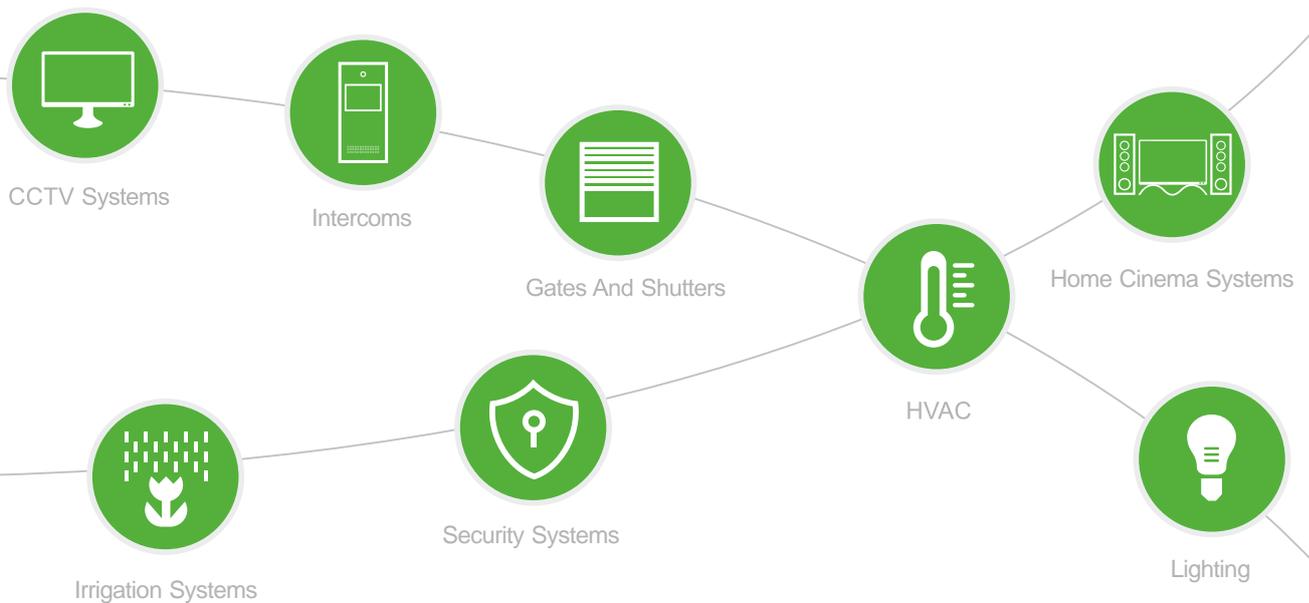
Crabtree Smart Wirefree makes professional grade automation accessible to everyone.

An Automation Evolution

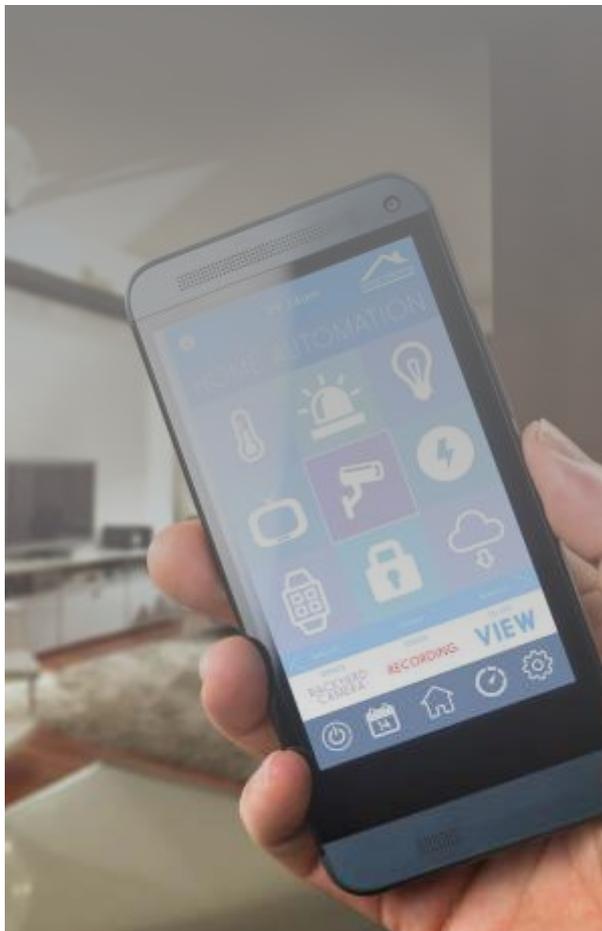
Crabtree Smart Wirefree has been created so that anyone can take complete control over their home simply and effectively.

The Crabtree Smart Wirefree range of products provides users with an easy to manage system with unparalleled flexibility and adaptability.

Once the Smart Wirefree modules have been installed a user can configure their entire automation system via the Crabtree app. Once the configuration complete, users can take complete control of their lighting, background music, curtains, HVAC and a host of other devices and systems



Why Crabtree Smart Wirefree?



1 FLEXIBLE



Flexibility is an essential element of any Crabtree system, that's why we've worked hard to make sure all of our wirefree solutions can be fully integrated into an existing wired Crabtree system. This gives users the best of both worlds, allowing the systems to work in conjunction with each other.

2 ADAPTABLE



In an average household, an installation can be hampered by WiFi and load bearing walls. Because the wired and Smart Wirefree systems can work together, a hybrid system can be created that is able to overcome any and all barriers.

3 EFFICIENT



At Crabtree we strive to create systems in which individual elements work in conjunction to maximize energy efficiency. From light harvesting, to dynamic HVAC distribution your electronic devices and appliances will work in harmony to save energy while enhancing comfort, convenience and security.

4 SIMPLE

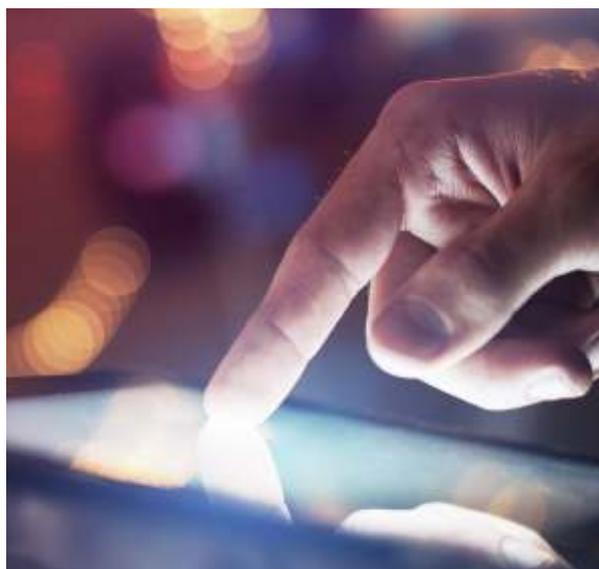


From unpacking a module to configuring the complete solution every element of the Crabtree wirefree system has been designed to be simple and straight forward. From a wall panel or an iOS/Android device, controlling your home has never been so easy.

5 RELIABLE



Every element in the Smart Wirefree network has been designed to be inherently reliable. From industry leading data encryption, to module interoperability, Crabtree Wirefree network is guaranteed to work even when a module is damaged or removed.



How it works?

Crabtree Smart Wirefree range represents the evolution of the home automation system. For the first time ever, total Smart Wirefree control and monitoring is a possibility thanks to a revolutionary combination of Crabtree software and hardware.

Range

A Smart Wirefree automation system is entirely dependent on the range of its Smart Wirefree modules.

With the Crabtree Smart Wirefree system each module has an industry leading communication distance of 30 meters.

This range ensures that commands to and from the modules are always clearly received.

Smart Wirefree transmission power: +10dbm

Smart Wirefree sensitivity: -90dbm

Mesh network

With the Smart Wirefree system, each module in the network can repeat commands, so that even if a module is removed or damaged, the message will always get through.

Although most wireless solutions have a limit on how many modules can be included into a system, the mesh network used by Smart Wirefree solution has an unlimited potential size

Easy to install

Installing a Crabtree Smart Wirefree system into your home doesn't require any rewiring or renovation.

As the system communicates wirelessly, simply connect the modules to a power supply, and configure your solution via a Crabtree iOS or Android app.

Power consumption

Our pioneering technology means that each module in the Smart Wirefree network is incredibly energy efficient.

Modules in the Smart Wirefree system fall into two groupings, those that take their power from the bus working voltage (15-24v), and those that take an outside AC power source (85-270v).

Simple

Want to change your wireless panel for something a little different? No problem.

Just disconnect your current panel from its power interface, and pop your new panel in. It's that simple.

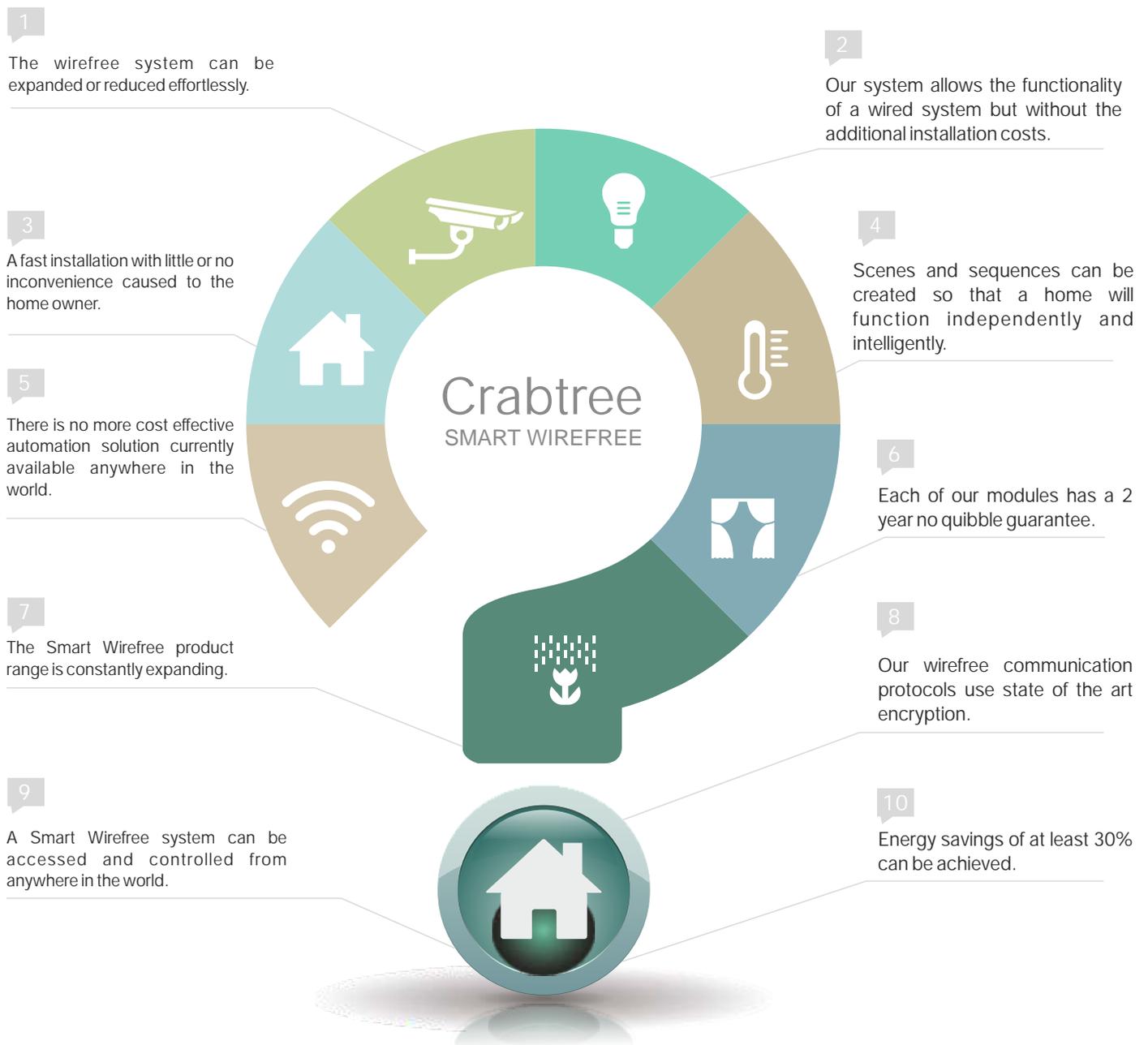
This compatibility is made possible through the extensive use of the Wago 236 terminal.

This terminal is used in all Crabtree solutions, so that every Crabtree system is as easy to service, and modify as possible.

Why are we the Best?

Crabtree wirefree system has been created to provide users with the reliability of a wired system, but the flexibility of a wireless system.

By taking the best elements from both systems, we have created an easy to install, configure and control solution which is suitable for practically any installation.



Less is More

Crabtree Smart Wirefree is a self-contained automation system which can be expanded or modified easily while retaining the same functionality as a wired system.

With an installation time measured in hours rather than weeks and the need for rewiring eliminated, the Crabtree Smart Wirefree system is your ideal automation solution.

Almost universal control is enabled through the Smart Wirefree modules available from Crabtree.

Currently our range covers:



Wall panels



Gateways



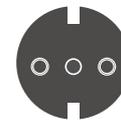
Shading
(curtains/blinds)



Switches



LED drivers



Plug sockets



Dimmers



Power interfaces



Sensors

Our Smart Wirefree product range is constantly expanding to take advantage of the very latest technological advancements.

Whatever your requirements are, Crabtree has the solution.

More than just Common Sense

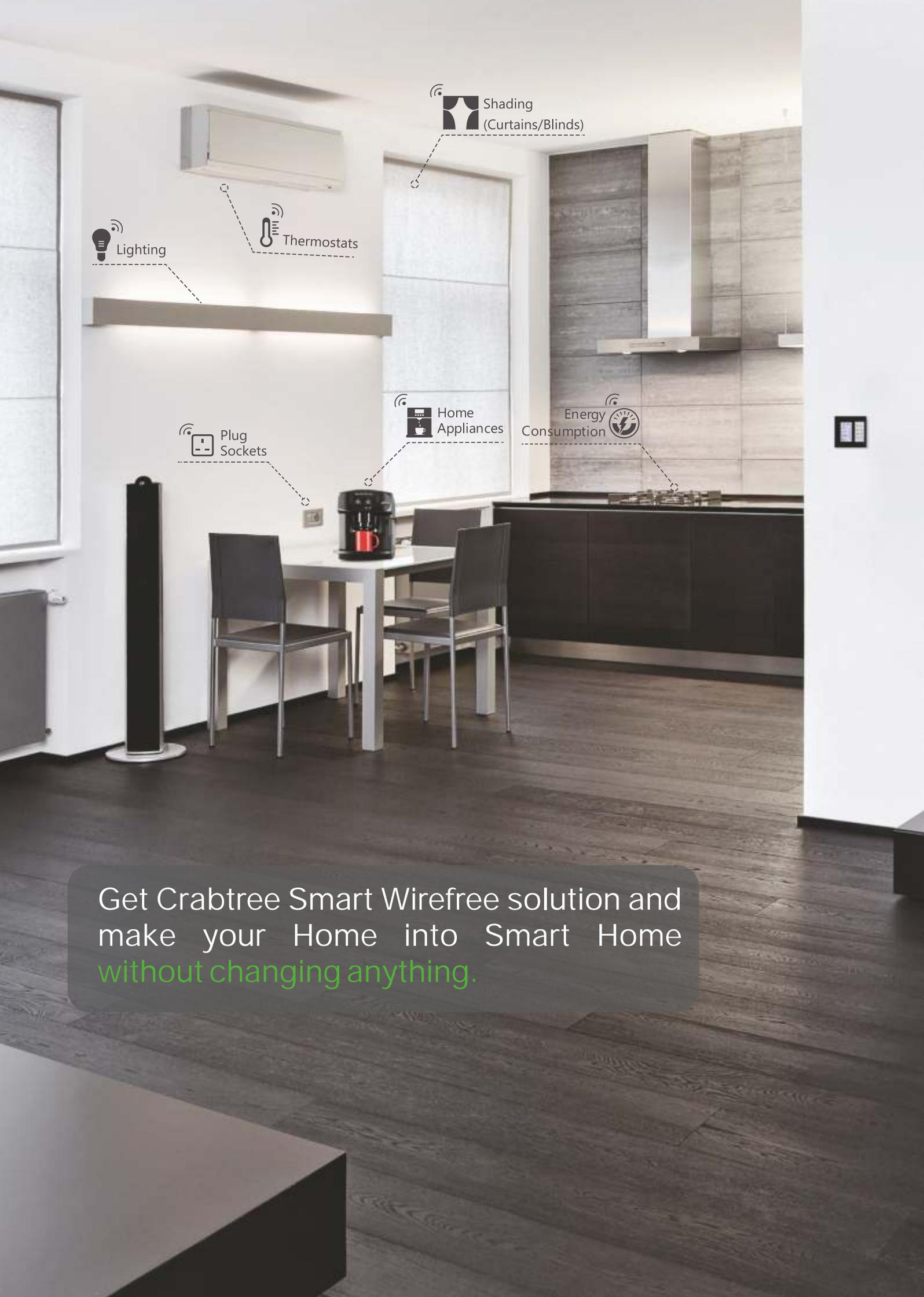
Crabtree Smart Wirefree has been created so that anyone can take complete control over their home simply and effectively without any prior automation experience.

With Crabtree Smart Wirefree users have a system that uses a combination of sensors and log states to take intelligent action.

As a basic example a user can create a scene which will open the curtains and turn off all exterior lighting when a light sensor detects the sunrise.

Countless scenes can be created by the owner enabling a building to truly manage itself.





Lighting

Thermostats

Shading
(Curtains/Blinds)

Plug
Sockets

Home
Appliances

Energy
Consumption

Get Crabtree Smart Wirefree solution and
make your Home into Smart Home
without changing anything.

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