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From lights, fans, thermostats, and even door entry systems, the use of home automation systems is now more convenient than ever before. What was only imagined before is now being implemented in many houses around the world. Even though it is convenient, the tough side is the risks that home automation can also pose to one’s belongings and family. Home automation is a neat invention because of the freedom that it gives a homeowner. People can easily control the lights, door locks, etc. with a simple click of their smartphone. Now there can be an easy way to check if all the lights are checked or whether the doors are locked without having to return to the house. Despite the convenience there is also the risk factor. With everything being technologically controlled, a hacker can gain access to your whole home by just gaining access to your phone or WiFi router. How can we keep the convenience of Home Automation but still be able to keep our homes secure at the same time? In order to keep the security, all home owners need to be educated on how to still keep themselves secure with Home Automation systems, as well as anyone caught hacking into a home automation system should be charged with breaking and entering if not worse.

Looking through history the earliest forms of home automation can be seen at around 1901 – 1920. Even though they have turned into a common normal aspect of a home, the use of home appliances was a groundbreaking invention. (The History of Smart Home) Even though they wouldn’t be considered a “Smart” appliance they served their purpose of simplifying a household. From being able to throw food into an oven instead of starting up a fire, or using a vacuum cleaner instead of having to sweep tough spots. It was a start but the real breakthroughs didn’t start coming till the late 1990s to the early 2000s. They started from simple improvements such as a wireless tv remote, and eventually got into automated thermostats, scheduled appliances, etc. But even when people thought that was the peak, technology moved further to now even being able to control door lock, lighting, garage doors, full control from a smartphone from a completely different location.