

Intelligent dwelling

The technology behind security and energy usage systems is becoming more standard in newer homes today. The pairing of sophisticated home technology and Internet connectivity with hand-held smart devices makes it easier to monitor one's home and save on energy costs.

Security

Energy management

Smart appliances

Lighting

Lights can be programmed to turn on or off at scheduled times; there are options to replace some light switches with wall-mounted touch-screen panels to control bulbs



Solar panels

Homeowners can track energy produced and see how much they have saved over traditional energy sources

Air conditioning

Thermostat can be controlled over Wi-Fi from anywhere; smart thermostats can turn themselves off when the house is empty

Appliances

Users can pair their smart devices and appliances; food in their fridge can be tracked for expiration dates, and oven cooking times can be monitored; washers and dryers can be turned off through smartphones

Entertainment systems

Smart devices can control TVs and computers by selecting and setting programs to record, or making music selections

Door locks

Homeowner can unlock the door using his smartphone if he locks himself out; he can also unlock the front door for guests if he is away from home

Entry pass codes

Door locks can be programmed with unique pass codes for different people and can be set to work during specific hours

Surveillance cameras

Homeowners can view their homes and track their children directly from their smart devices linked with the surveillance system

Security alarms

Alert messages can be sent to parents if their home alarm is set off or if the alarm isn't disarmed by a scheduled time, indicating their children didn't arrive when expected