Advanced Solutions for IoT

Development & Manufacturing of Electronics for a Smart Home
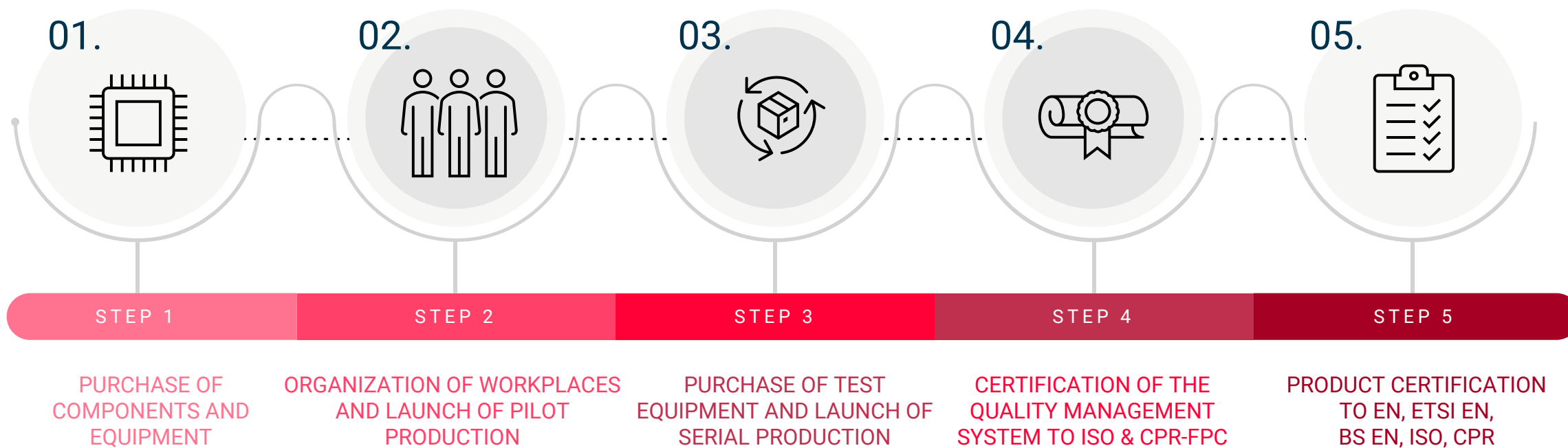
ABOUT COMPANY

Advanced Solutions for IoT is a young promising start-up based in the Republic of Armenia.

The main activity of the company is the development, production, implementation, and installation of innovative wireless home automation systems. Our wireless smart devices are a comprehensive solution - a single platform allows you to provide 24/7 home security and automation.

We specialize in Wireless Home Automation Technologies

ABOUT COMPANY

Advanced Solutions for IoT is founded in the Republic of Armenia which was chosen as the location of the company, as it is a hub between Europe, Asia, the Arab countries and China with a unique education system of the Higher School in the field of radio electronics and IT.

PROJECT TIMELINE

01.

02.

03.

04.

05.

STEP 1

STEP 2

STEP 3

STEP 4

STEP 5

PURCHASE OF COMPONENTS AND EQUIPMENT

ORGANIZATION OF WORKPLACES AND LAUNCH OF PILOT PRODUCTION

PURCHASE OF TEST EQUIPMENT AND LAUNCH OF SERIAL PRODUCTION

CERTIFICATION OF THE QUALITY MANAGEMENT SYSTEM TO ISO & CPR-FPC

PRODUCT CERTIFICATION TO EN, ETSI EN, BS EN, ISO, CPR

PLANS AND PROSPECTS

28
devices

Our export portfolio upon completion of the certification procedure

200,000
pcs

Production volume per year by 2026

100
employees

After the company reaches full production capacity

R&D
department

R & D facilities start in 2023

Tech
support

Organization of technical support department

PRODUCTION

To make the production system more efficient **Advanced Solutions for IoT** will integrate Lean Manufacturing tools and techniques into our practices.

It will let us optimize workflow, reduce expenses, increase productivity and profit.

EXPORT PLANS

Advanced Solutions for IoT aims at conquering international markets. The technology used for production will enable the company to strengthen its status as a wireless technology leader in the international market in the next five years, which in turn will expand the export geography and increase the export potential of the Republic of Armenia in general.

Prospective export countries: China, the USA, Mexico, Argentina, Brazil, Chile, South Africa, Tanzania, Taiwan, Singapore, New Zealand, Turkey, India, Australia, Malaysia.

MAIN EXPORT DIRECTIONS

The Arabic Countries

22%

78%

Europe, the UK, the EAEU

PRODUCT

Wireless Home Automation System

The next generation of wireless protection

Advanced Solutions for IoT

Smart Home

PROTECTION

PRODUCT

Home Automation Devices provide:

- ✓ **Intrusion detection**
- ✓ **Leak detection**
- ✓ **Temperature control**
- ✓ **Motion detection**
- ✓ **Access control**

SMART HOME STRUCTURE

Advanced Solutions for IoT has a wide range of wireless sensors for a Smart Home.

WATER LEAK DETECTOR

MOTION SENSOR

INTRUSION DETECTOR

DOOR SENSOR

GLASSBREAK DETECTOR

TEMPERATURE DETECTOR
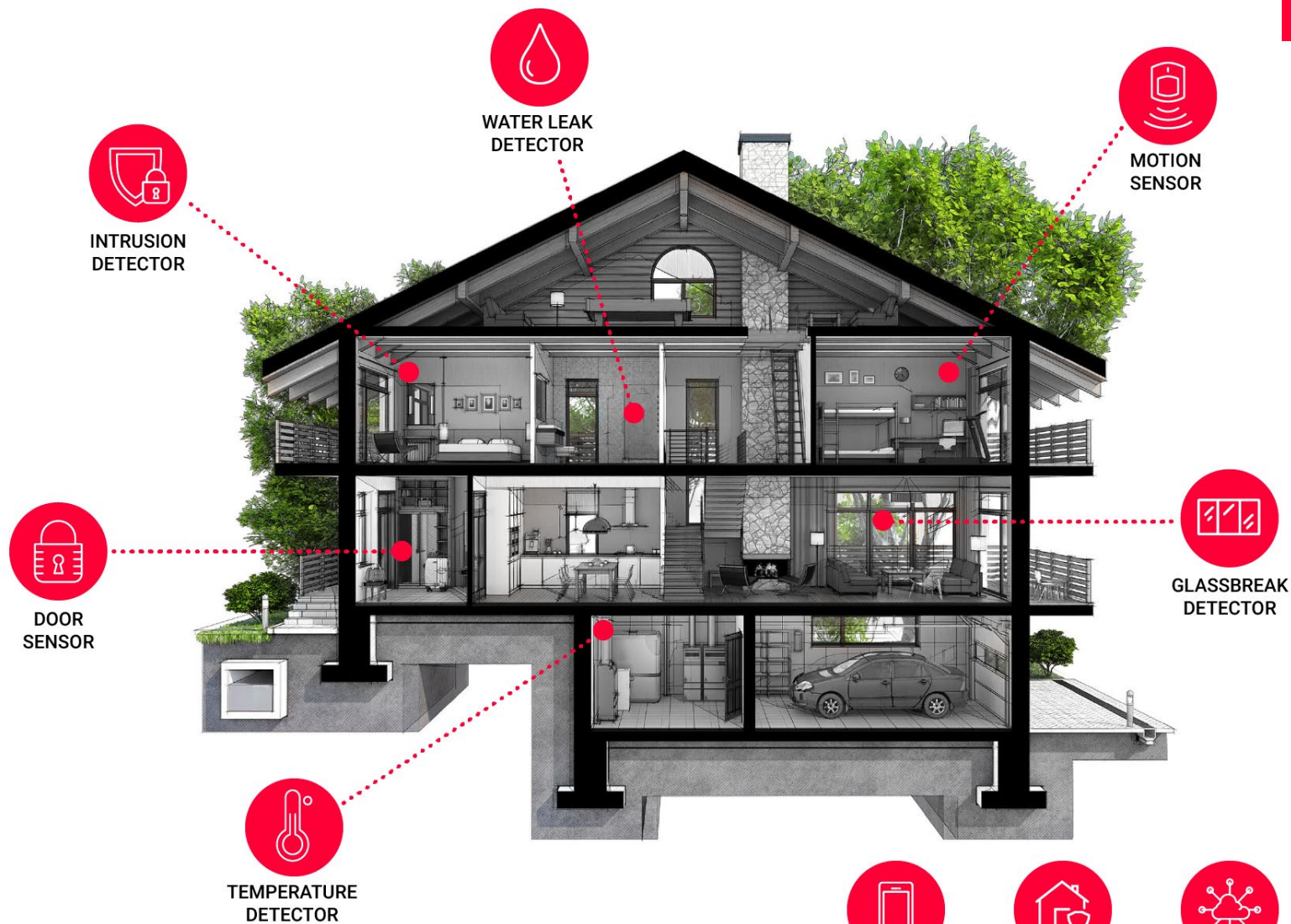
BENEFITS:

REMOTE CONTROL

INCREASED SECURITY

CONNECTED DEVICES

WIRELESS
HOME SECURITY

Motion sensors detect motion in a specific radius. They can distinguish between people and animals. This is an ideal solution for those with pets who want to avoid constant notifications.

Contact sensors should be put on the doors and windows. You got alerted whenever the door or window was opened or closed when the system was armed.

WIRELESS HOME SECURITY

Glass break:

Not all burglars use finesse to enter homes. Some will simply break a glass window for entry. Our wireless glass break sensors were created specifically for such cases.

These devices can detect the frequency of the sound of breaking glass, which trips the alarm and alerts you.

WIRELESS WATER LEAK DETECTION

Left unchecked, small leaks under your water heater, washing machine or sink can cause significant problems (including structural and foundational damage) throughout your home or business.

Our wireless modern water leak detectors instantly alert you to microleaks, frost and unusual water flow before these issues turn into broken pipes, a flooded basement or worse.

WIRELESS TEMPERATURE MONITORING

During the cold winter months, it's not uncommon for temperatures to dip well below freezing for days, weeks or even months at a time. If the pipes in a house get cold enough, the water can freeze. This can result in burst pipes, flooding and costly damage to your home.

As a homeowner, it is important to monitor your property when you're not there. Remote temperature monitoring detectors help you keep an eye on your property, so you can intervene as soon as issues occur.
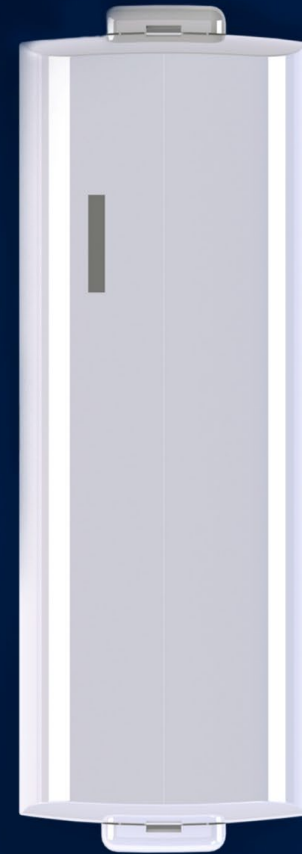
RADIO NETWORK COVERAGE
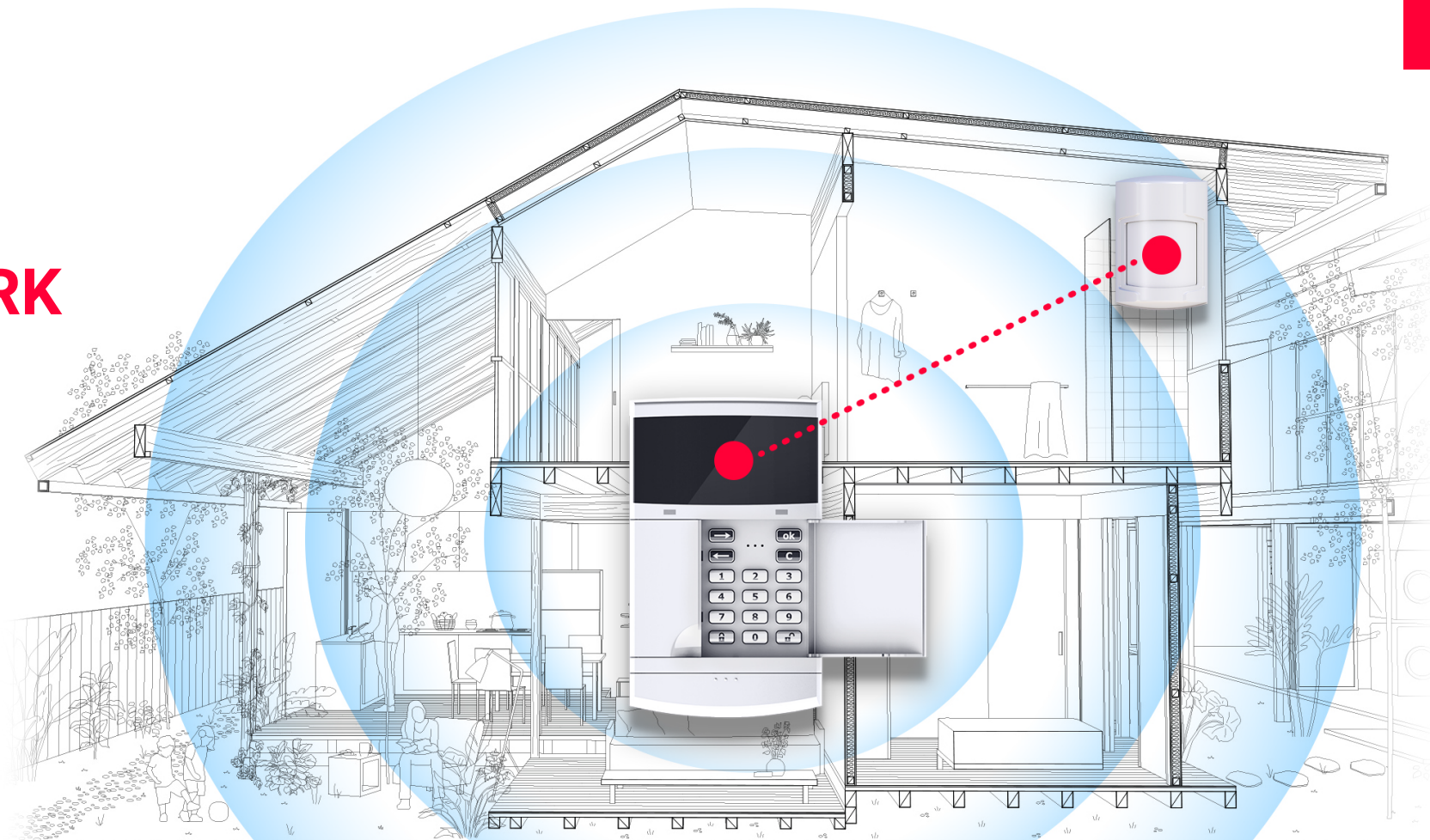
UP TO 70 METERS

Communication distance between a controlling device and sensors

WIRELESS PASSIVE INFRARED DETECTOR

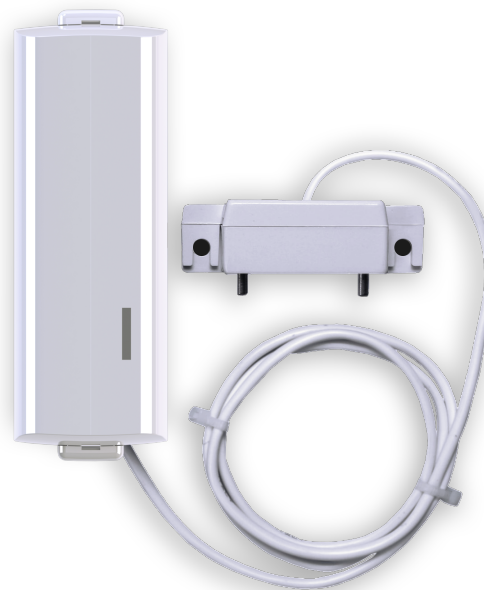WIRELESS MAGNETIC CONTACT SWITCH FOR INTRUSION DETECTION

WIRELESS MAGNETIC CONTACT SWITCH FOR INTRUSION DETECTION

WIRELESS ACOUSTIC GLASSBREAK SECURITY DETECTOR

WIRELESS MOTION DETECTOR WITH A NARROW VIEWING ANGLE

WIRELESS WATER LEAK
DETECTOR

WIRELESS TEMPERATURE
DETECTOR

Control your home with a smartphone

Receive instant notifications on your smartphone and keep track of events that occur at your home.

Find out immediately about any intrusion attempt and protect the people and things that matter most.

Connect your family, friends, or neighbours to your home. They will receive an alert and come to help in a difficult situation.
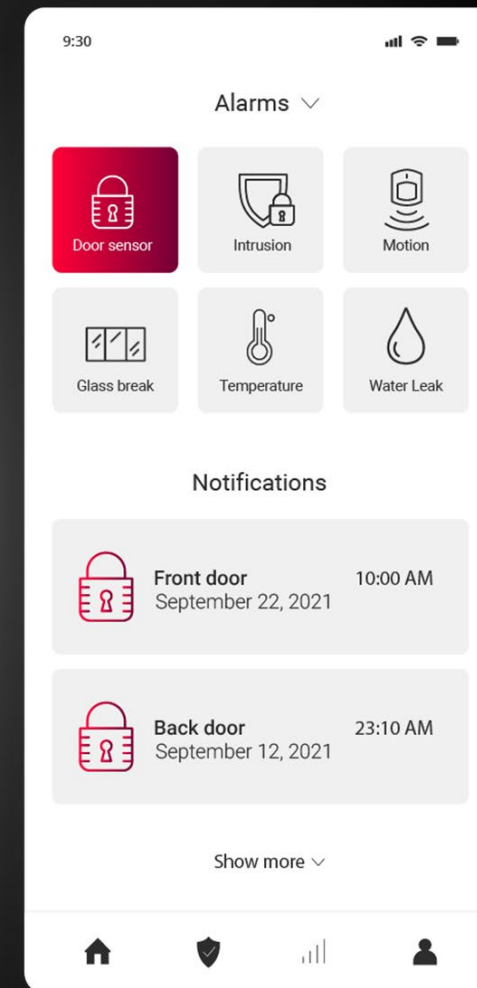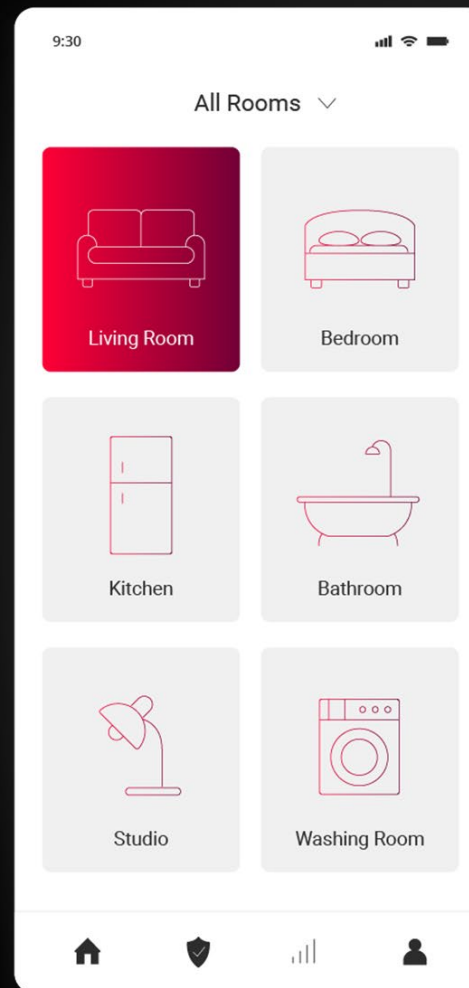
CHARACTERISTICS & ADVANTAGES
OF WIRELESS HOME AUTOMATION SYSTEMS

Wireless Mesh Network

Self-configuring mesh network provides high level of reliability

10-year Battery life

All batteries are monitored continually

Robust & Secure Communication

Bi-directional communication with automatic adjustments

Expandable

Configurable to any size and complexity of buildings

Cost efficiency

Simplified and faster design, installation and commissioning process

Our wireless solution is the best way to keep everything you care about **safe**.

We create technological innovations that
are unique and ahead of their time.

Advanced Solutions for IoT
www.asielectronics.am