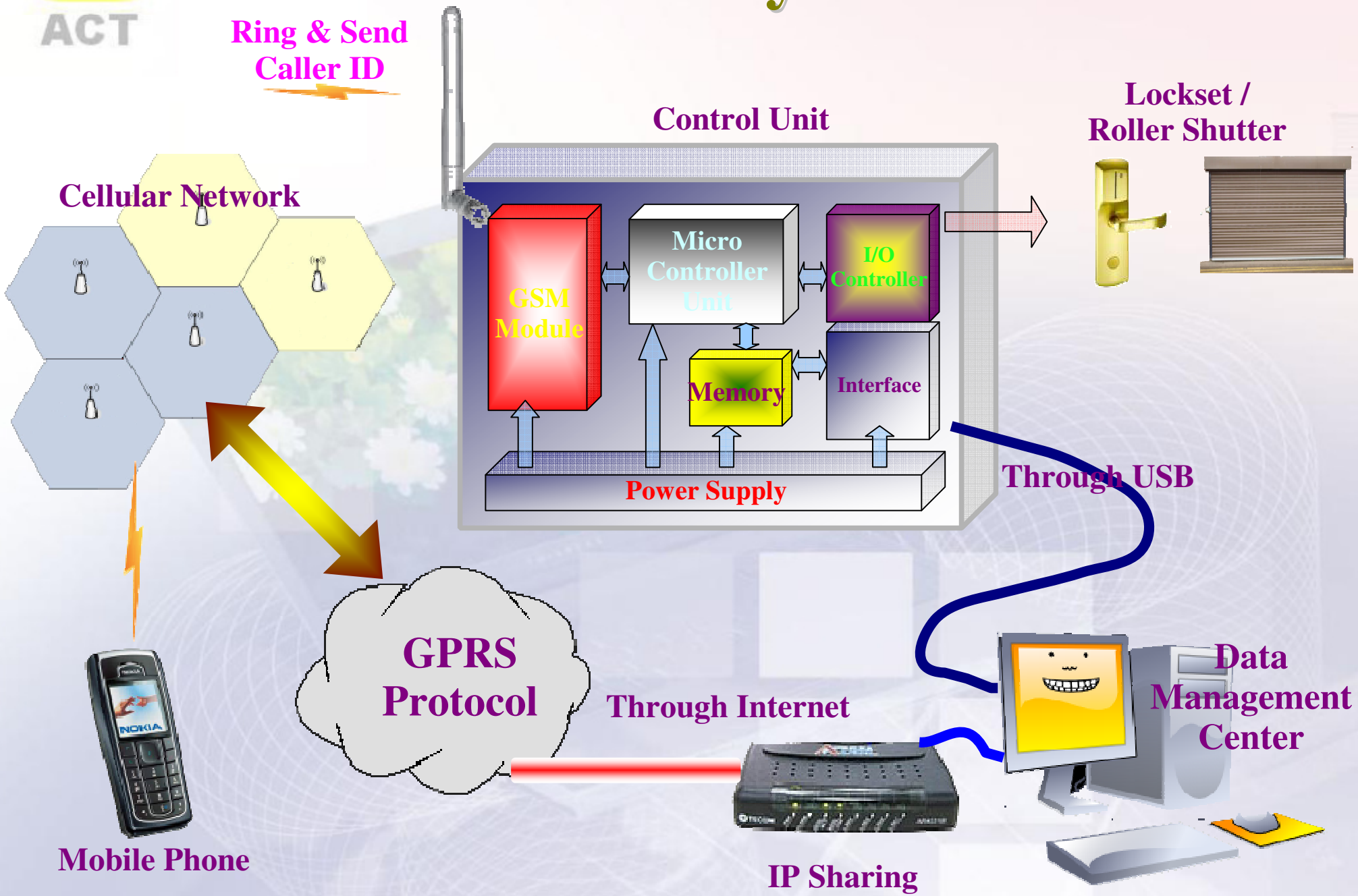
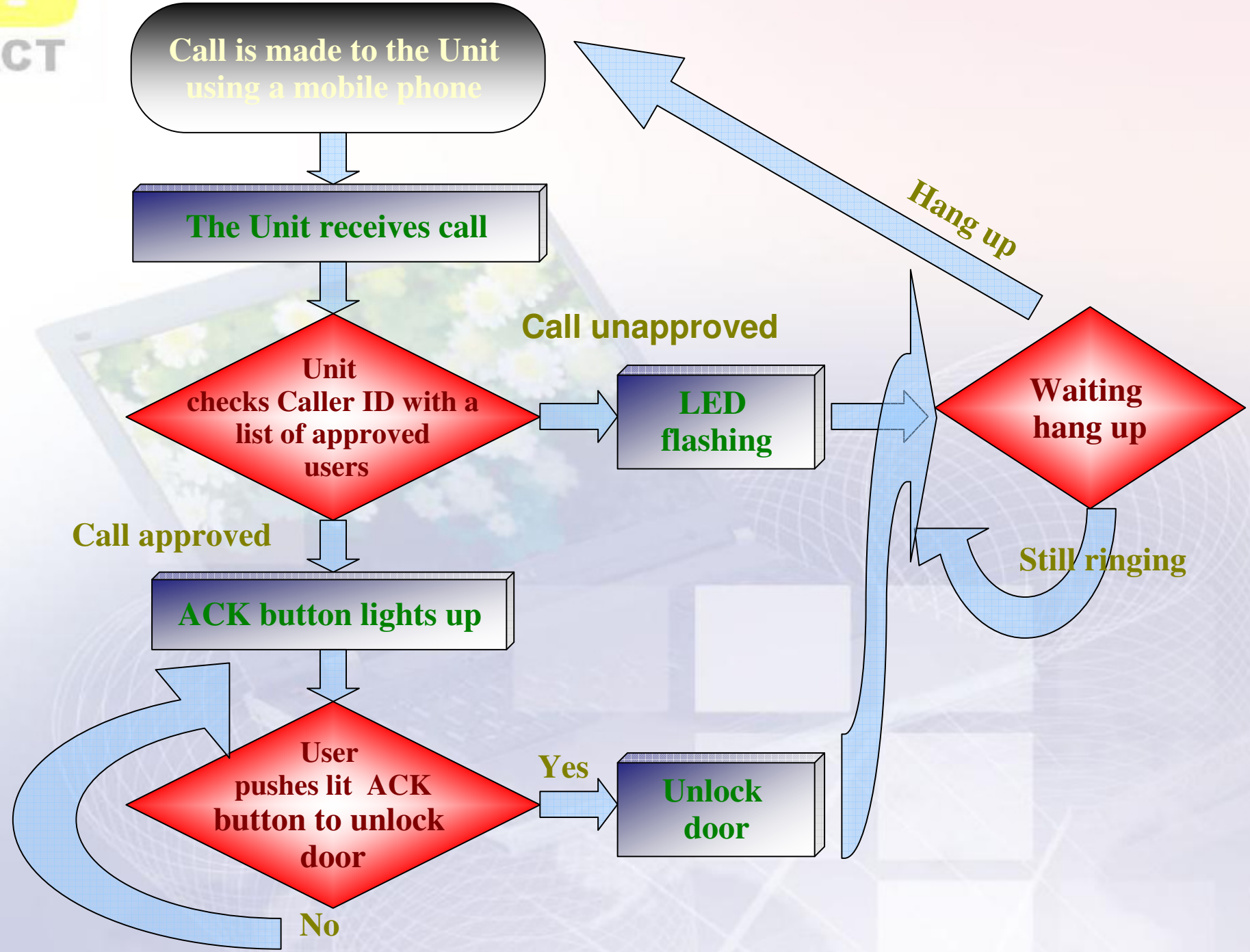
Advanced Connection Technology Inc.

Smart Door Lock

Theory


Ring & Send
Caller ID
Control Unit
Lockset /
Roller Shutter
Cellular Network
GSM
Module
Micro
Controller
Unit
I/O
Controller
Memory
Interface
Power Supply
Through USB
GPRS
Protocol
Through Internet
Data
Management
Center
Mobile Phone
IP Sharing

Flow Chart


Call is made to the Unit using a mobile phone
The Unit receives call
Unit checks Caller ID with a list of approved users
Call unapproved
LED flashing
Waiting hang up
Hang up
Still ringing
Call approved
ACK button lights up
User pushes lit ACK button to unlock door
Yes
Unlock door
No

Key Features

The MCU records all calls received in its memory and enables multiple persons to become approved users.

Personal computer can be connected to the MCU via USB interface

Data received and user definitions are easy to be modified and managed.

Internal back-up power allows for uninterrupted use during power outages.

Benefits

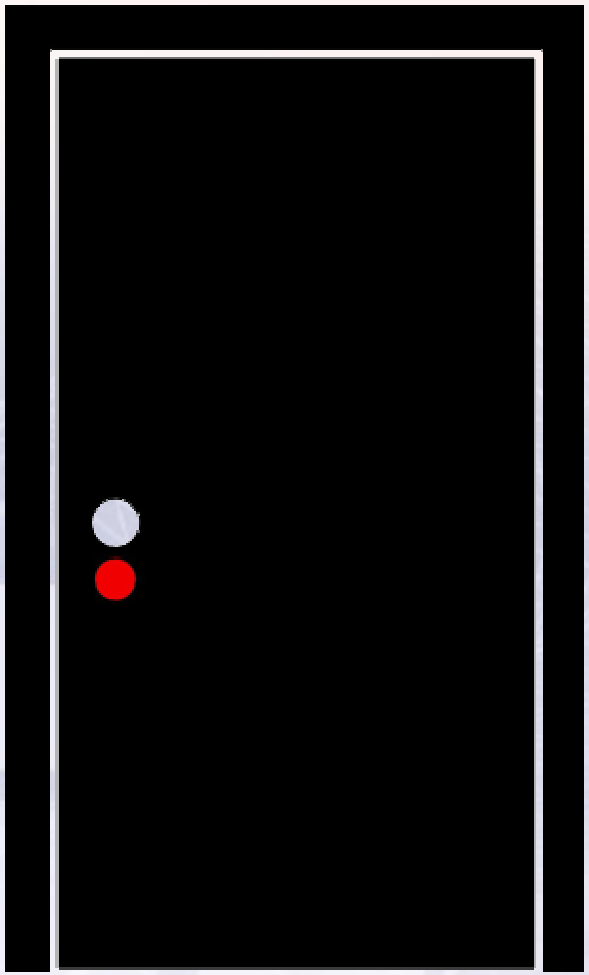
Security: The caller ID must be approved to unlock and it cannot be copied.

Cost Saving: The MCU only identifies the incoming call. No fee will be generated.

Ease: Push the dial button on your cell phone and that's it!

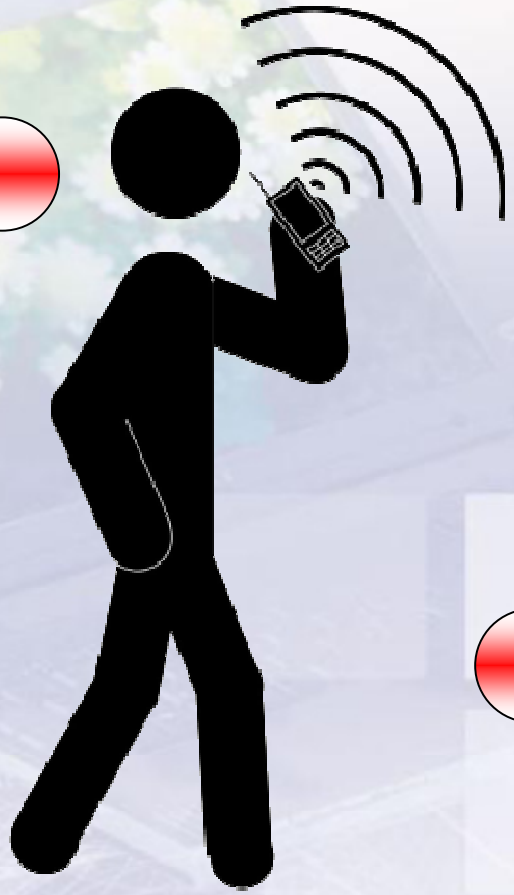
Convenience: No key or remote control is needed.

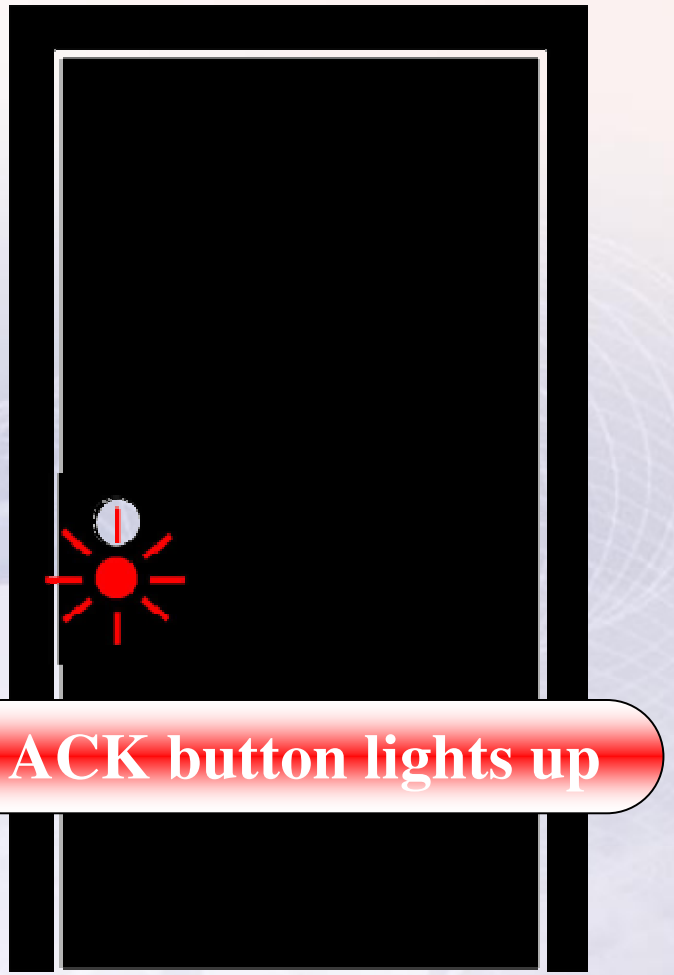
Call is made to the Unit using a mobile phone



The unit receives the call

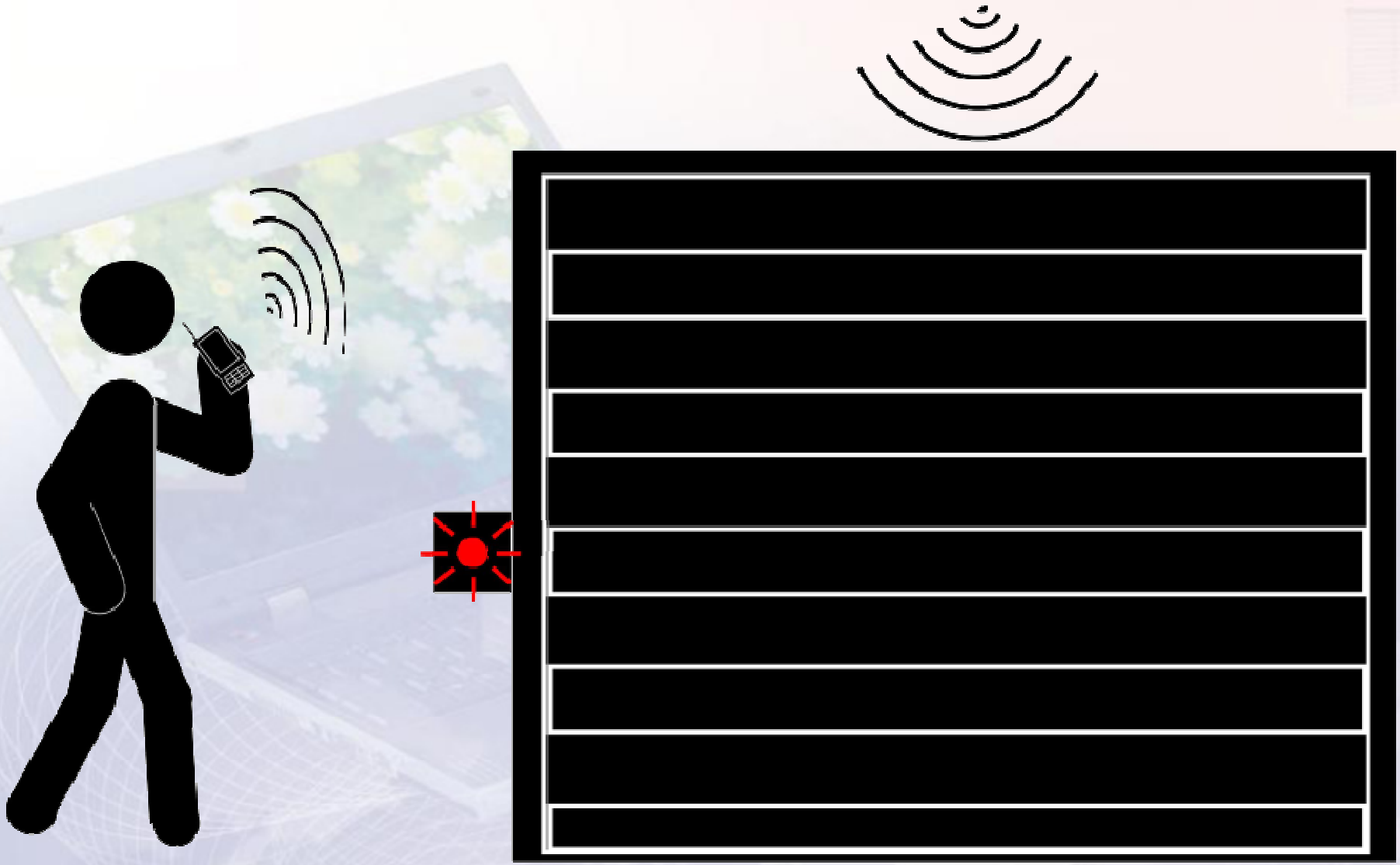
Caller ID is approved





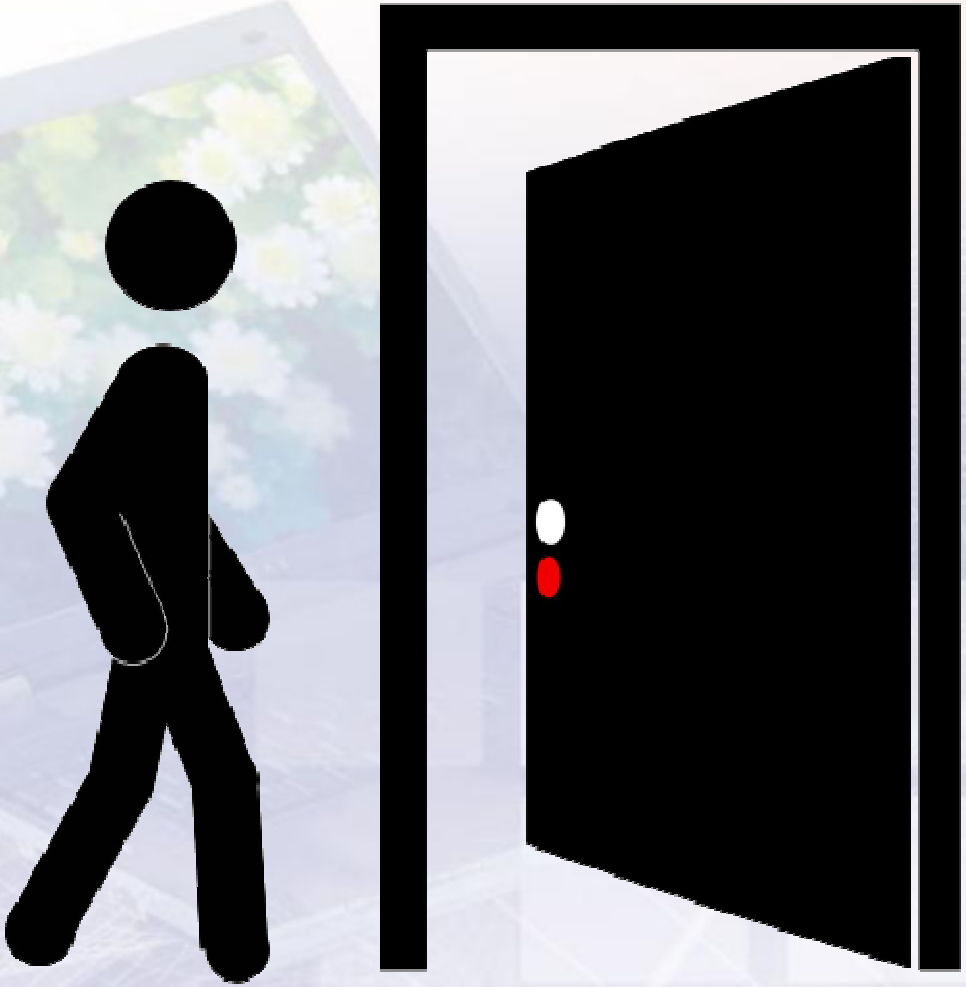
ACK button lights up

Also available for Roller Shutter applications



ACT

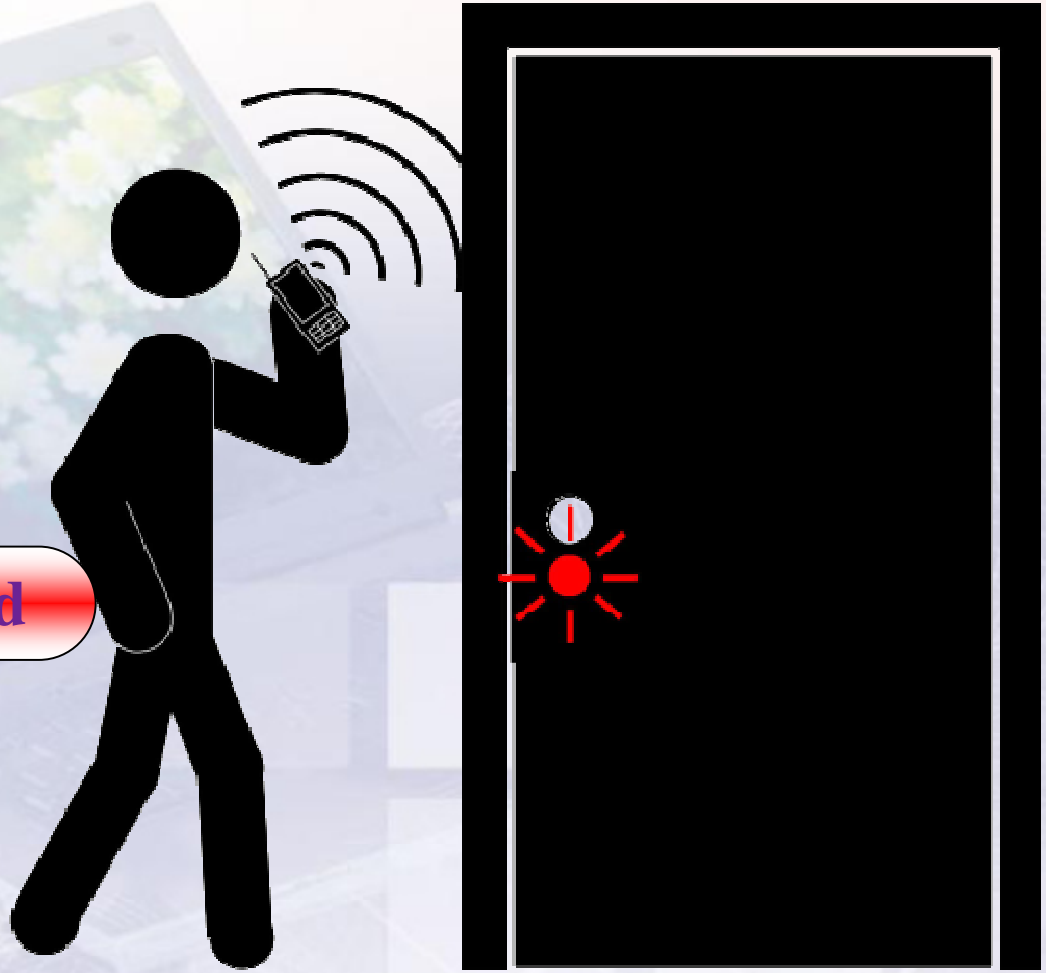
User pushes the ACK button to unlock the door



If Caller ID not approved

LED is flashing

The door can't be opened



Thank you