# Drasis Automation

## Solution Portfolio

# Fibaro

*Your Home, Your Imagination*

Global brand, leading manufacturer of smart home devices

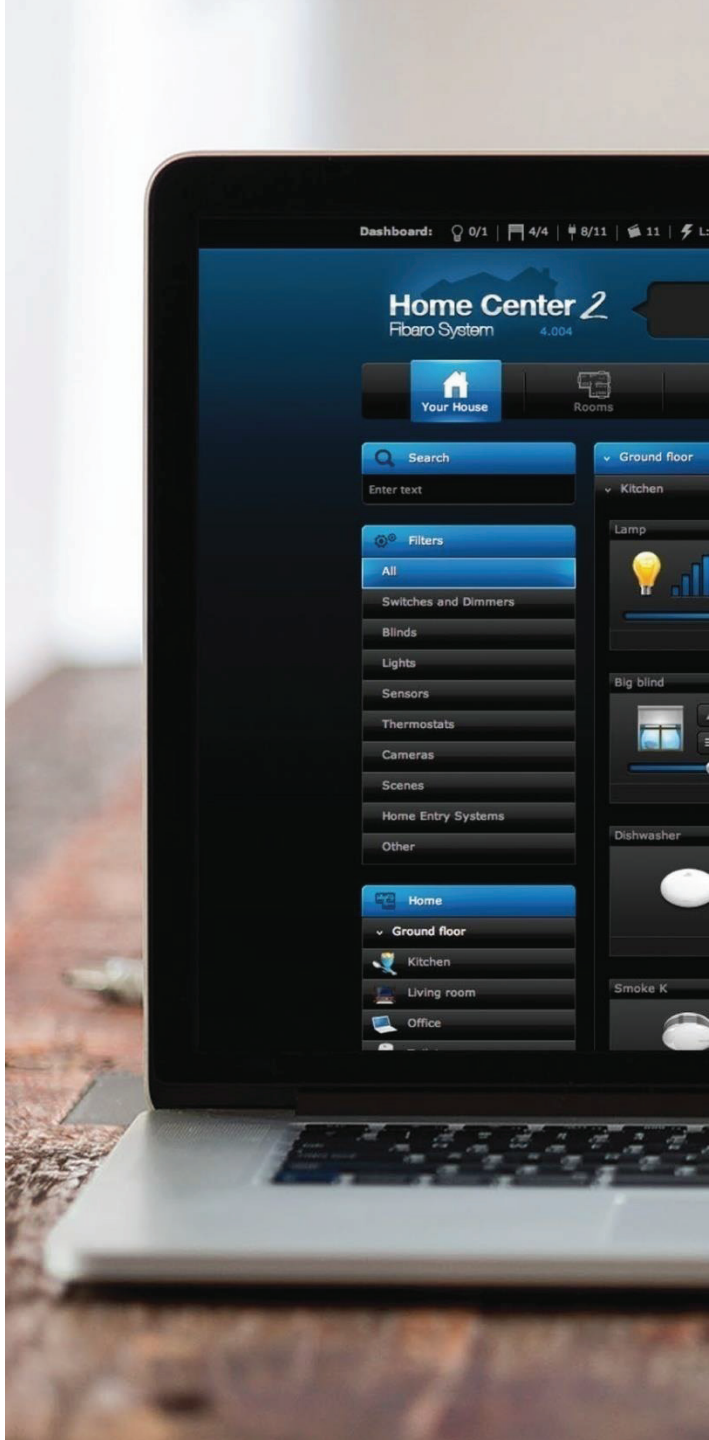
Products designed and manufactured in Europe

Over 170 utility and design patents

Unique design of devices

Support for integrating 100s of third party devices through API and plug-ins

Intuitive interface, extremely user-friendly



# Fibaro Home Center 2

Brain of the system

Fast, efficient high power hub that controls the FIBARO system and its devices

Remote access via webpage or app

User-friendly configuration interface

Support for advanced, pre-defined scenes

Supports VoIP functionality and video intercoms

Lua scripting engine

# Fibaro Home Center Lite

Incredibly compact, lighter version of FIBARO system

Remote access via webpage or app

History of events

Support for advanced, pre-defined scenes

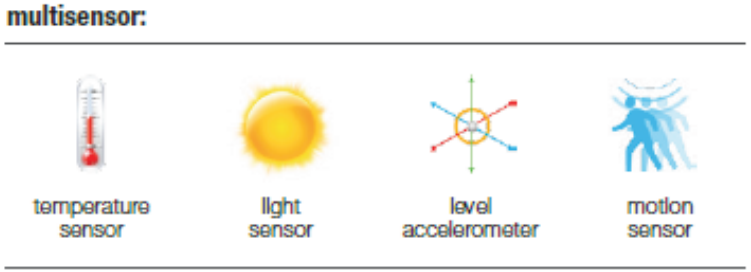
# Fibaro Motion Sensor

Z-Wave ultra-small multi sensor

Built-in temperature and motion sensor, light sensor, and accelerometer

Visual alerts by color changes of the eye of the sensor for any assigned alert depending on the color specification.

Built-in network range tester and remote firmware updade



# Fibaro Smoke Sensor

Z-Wave ultra-light battery-operated smoke sensor

Protection from smoldering as well as flaming fires

100dB built-in siren and RGB visual indicator

Built-in electronic recording device for assisting the investigation of a fire accident

# Fibaro Button

Z-Wave, battery-powered precision crafted handy wireless device

Acts as a switch for connected devices and customized scenes

Recognizes up to 6 different actions

One click can turn off the light, two clicks can activate the AC unit, holding down the button can activate a custom scene

different colors:

# Fibaro Swipe

Z-Wave, wireless gesture pad with smooth, elegant casing

Recognizes gestures like swipe up, down, left, right, circular motions to trigger devices or scenes on the Fibaro system

Ultimate flexibility, can be powered by battery or micro USB cable

Can be mounted on the stand, or hidden discreetly

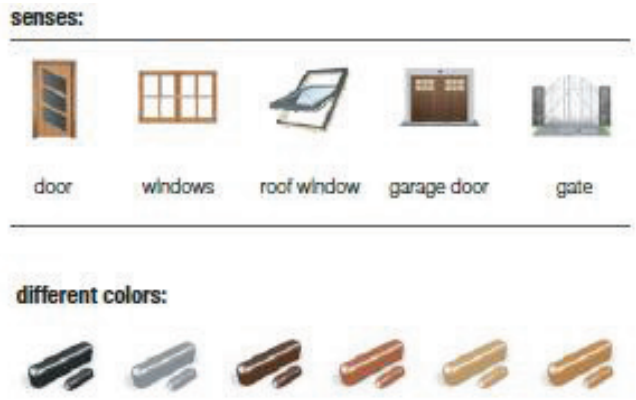
# Fibaro Door/Window Sensor

Z-Wave, battery-powered reed sensor

Monitors opening and closing of doors, windows, garage doors etc

Used in automatic light control, access control and property protection systems

Additional binary input to integrate typical analog wired sensors

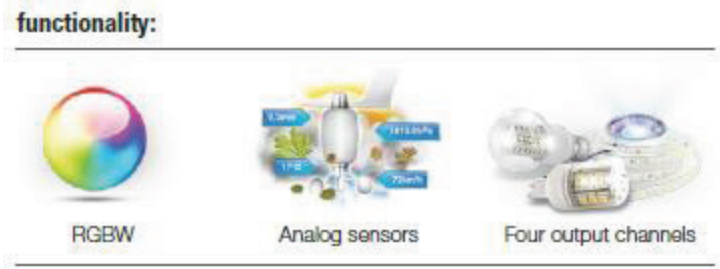


# Fibaro RGBW Controller

Z-Wave RGBW controller for LED, RGBW strips

Fits behind standard wall -switch box/ false ceiling

Additional support for four 0 -10V analog sensors like temperature sensors, humidity sensors, wind sensors, etc.



# Fibaro Relay Switch

Z-Wave ON/OFF relay switch for lights, fans, motors, heaters, sockets upto 2500 W power output

Fits behind standard wall -switch box/ false ceiling

Switch ON/OFF connected device through app or wall switch

# Fibaro Double Relay Switch

Z-Wave ON/OFF relay switch for lights, fans, motors, heaters, sockets

Controls 2 independent devices of 1500W combined power output

Fits behind standard wall-switch box/ false ceiling

Switch ON/OFF connected device through app or wall switch

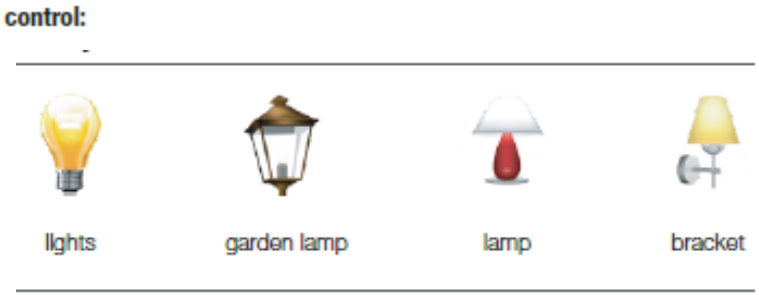
# Fibaro Dimmer 2

Z-Wave light dimming module

Works with light sources of any type (appropriate LED power supply to be used)

Supports power consumption monitoring

Overload, overheat and burnout protection



# Fibaro Roller Shutter 2

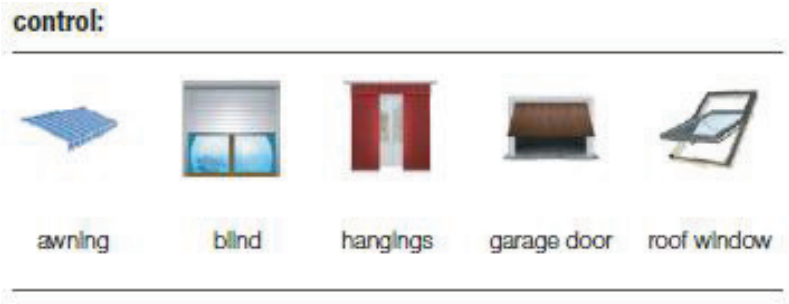
Z-Wave module to control roller blinds, awnings, gates, venetian blinds

Precise positioning with mechanical and electronic limit switches

Supports power consumption monitoring

Supported brands:

Curtain, tubular, gate motors of Somfy, Buildwell, AOK, Hunter-Douglas and many more. For exact model number, contact Drasis support



# Motorization Solutions

Fibaro system supports curtain, tubular, gate motors from various brands like Somfy, Buildwell, AOK, Hunter-Douglas and many more.

FIBARO
Home Intelligence

# INTEGRATION SOLUTIONS WITH FIBARO SYSTEM

BECAUSE EVERYTHING IS CONNECTED

# AV Integration - Sonos Play 1

Smart, intelligent speakers, setup over wi-fi.

Mini. Fits in any space, fills any room
Mighty. Surprisingly rich sound despite its size

Play different songs in different rooms. Or the same song everywhere.

Wall or stand mountable

**Fibaro Integration Features:**

Works with Fibaro. Plug-in and virtual devices available

When someone presses the doorbell, you get a push notification, your camera shows the live feed of door camera, Sonos speakers say “Someone is at the door”

Press the party scene on the Fibaro app, your entire home lighting ambience changes to party mode, curtains open automatically, ACs get activated, your party playlist starts playing in all speakers around your home

# AV Integration - iEast Soundstream Pro

Turn your current speakers, sound bar, home theater into a Wireless Multi -Room Sound System by connecting to your home Wi -Fi network.

Stream synchronized music or different music from phone/online music service/NAS/UPNP Network/ flash driver/HDD in multiple rooms

IR Remote Controller: 6 Shortcut Buttons, Play without phone

Fibaro Integration Features:

Works with Fibaro. virtual device drivers available

Press the party scene on the Fibaro app, your entire home lighting ambience changes to party mode, curtains open automatically, ACs get activated, your party playlist starts playing in all speakers around your home

# Smart Lighting Integration - Philips Hue

High quality white and colored lights that can be controlled from smart home app

Dim and sync lights with movies and music

**Fibaro Integration Features:**

Control philips hue lights, change colors, saturation and brightness from fibaro app

# IR,RF Integration – Broadlink RM Pro

Control all IR, RF devices from Fibaro app or Broadlink e-control app without the need for multiple remotes

7 IR transmitters, RF 433MHz trasmitters , omni directional signal blasting

Easy integration with Fibaro using an android box

Works with Fibaro. virtual device drivers available

# IR Integration - Zmote

Control all IR devices from Fibaro app without the need for multiple remotes

Direct integration with Fibaro

GC Itach Wifi2IR and IP2IR compatible. Old Global Cache itach commands will continue to work when replaced with Zmote

Omni directional blasting

Integration:

Same as global cache, use iLearn **software.**

# AC VRV Integration

Coolmaster allows seamless integration of advanced VRV VRF Air conditioning systems with Fibaro Automation Systems

Built in RS232, RS485 and Ethernet communication ports

Supported brands
Daikin, Mitsubishi, Toshiba, Fujitsu, LG, Hitachi, Gree and others.

**Direct Zwave to VRV also available, contact support for specifics**

# Voice Control Integration - Amazon Echo/Echo Dot

Hands free voice-controlled device that uses Alexa to play music, control smart home devices, provide info, read the news, set alarms etc

7 far-field microphones for hands **-free control**

Controls lights, fans, curtains, AC, media, customized scenes of Fibaro home

Say “Switch off the AC” or “Turn off the hall light” to interact with your smart home.

# Voice Control Integration - Google Home

Voice-activated speaker powered by the Google Assistant

Command your audio, get answers from Google, control your smart home devices

Fibaro Integration:

Say “OK Google, switch on the AC”. Google switches on the AC automatically and confirms the same verbally

# Intercom Integration - AVA SIP VDP

SIP based VoIP H.264 video door phone with112 degrees wide range view angle

Supports RTSP,ONVIF, HTTP protocol for MJPEG

Supports auto -answer and video recording function

**Fibaro Integration features:**

When someone presses the bell, all the iOS devices gets a video call.
Your bedroom lights, which are far away from the entrance, also blinks in sequence to indicate a visitor at the door.
You many choose to attend the call on your iphone, see who is outside and unlock the door if you wish to.
In case you are away from home, you will still get the call and interact with the visitor

**Other compatible VDP brands**:

2N, Mobotix

# Video Management - XBMC Kodi - Integration

Free open-source media player application

Multiple operating systems and hardware independent

Streams music, podcasts, videos from internet, local and network storage media

**Fibaro Integration features:**

Your smart lights dim automatically when movie is played in home theater.

Use fibaro app to play, pause, seek the controls on kodi home theater

Integration:

Download kodi plugin in fibaro, fibaro hc2 plugin in kodi

# Multi Room Video  Integration- HDAnywhere

Watch and control your HDMI entertainment devices, set top boxes, and media streaming services on every TV. Control with the  HDanywhere App, your remote or Fibaro app.

Watch the same device on every TV, a different device on each TV, or any combination in between.

# Weather Station Integration - Netatmo

The Weather Station's Indoor Module measures your indoor comfort by providing vital information, alerting you when you need to air out your home to bring down its pollution levels

The Weather Station's Outdoor Module gives you real-time weather information that matters: gathered right at your doorstep.

Fibaro Integration Features:

Make customized scenes

Eg: When indoor pollution levels exceed the normal value, Fibaro will automatically

Integration :

Download Netatmo plug-in in Fibaro

Temperature Humidity Air quality CO2 Sound meter

# Digital Door Locks Integration - Yale / Samsung

Yale and Samsung Digital door locks can be triggered from Fibaro app using additional transceiver circuit.

# Dock for Ipad touch screen- Fibaro app touchscreen

Launchport wall/base stations and sleeves with inductive charging and magnetic mount for IPAD

Use launchport docks with Ipad/Ipad mini to create the smart intercom

Hide the ugly switches and use the stylish docked Fibaro app as the controls throughout the house

Wireless charging 24/7

# Other interfaces - Apple  watch , Moto 360, siri

Fibaro smart home is compatible to apple watch, Siri voice assistant and  android wear

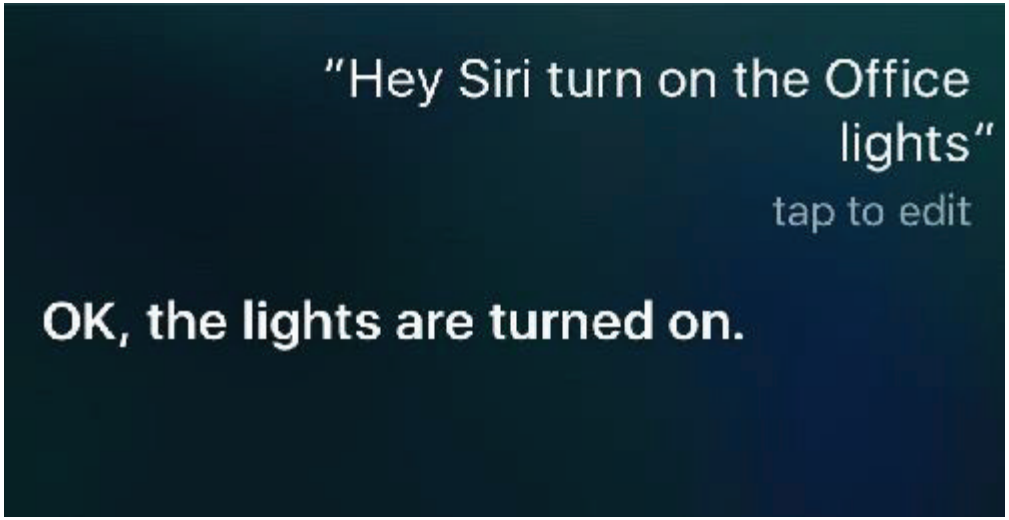
Receive notifications from Fibaro on your Apple Watch to make sure your  smarthome is just the way you want it

Run scenes with the touch of a finger via your Android Wear  smartwatch

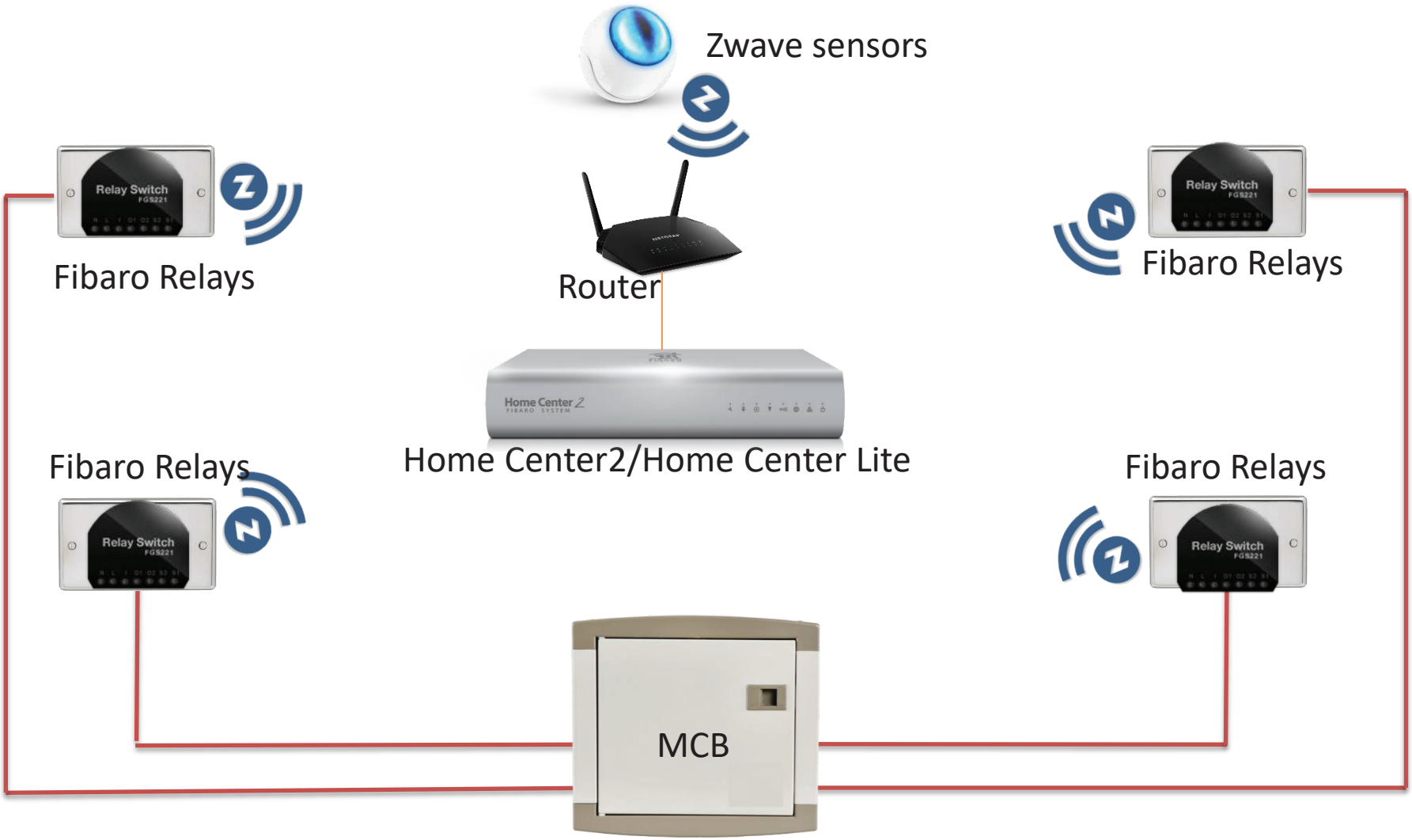
Talk to  Siri  to control your smart home using the homebridge box.

Say  “HeySiri , turn on the foyer lights”

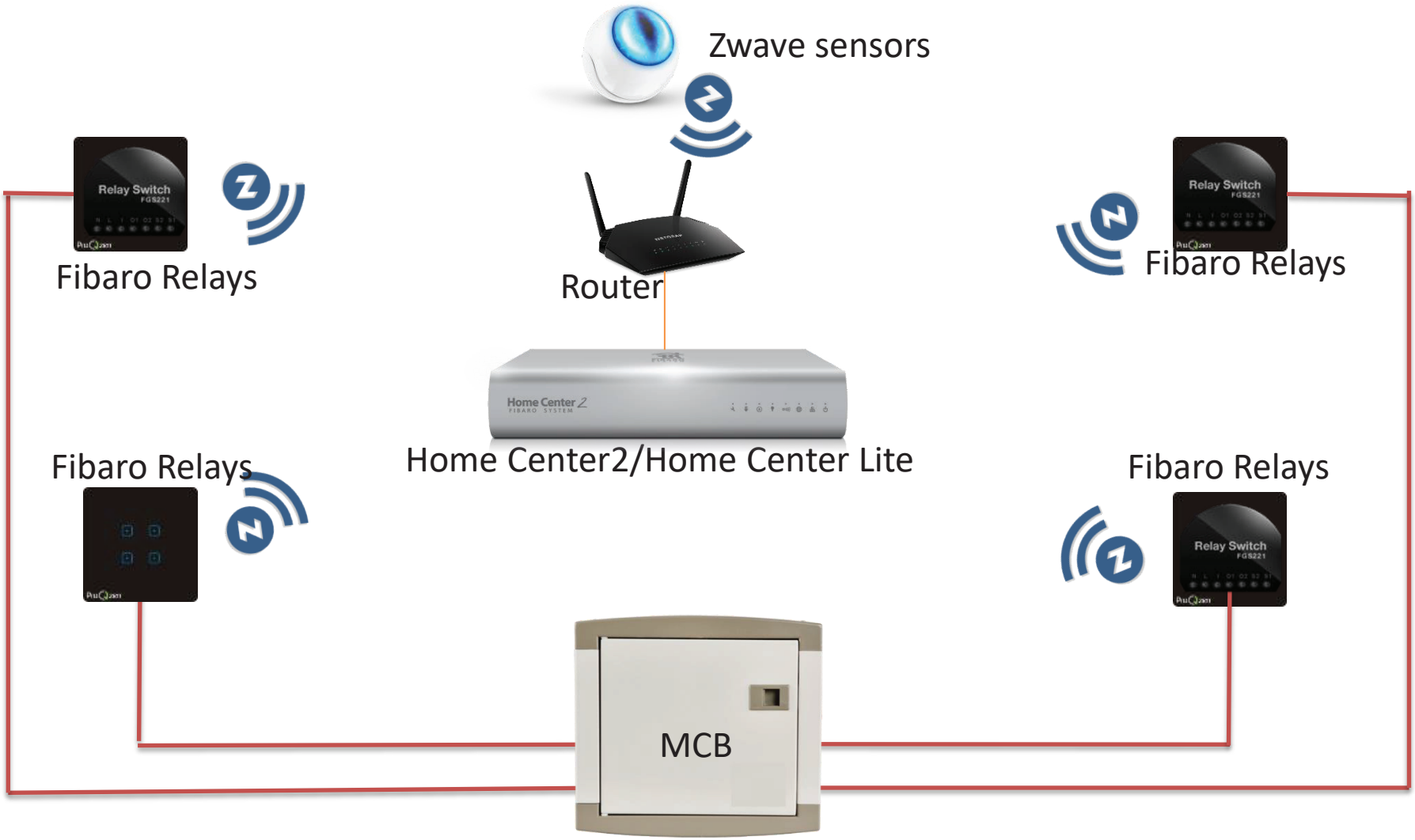
on  your  iphone to control your lights



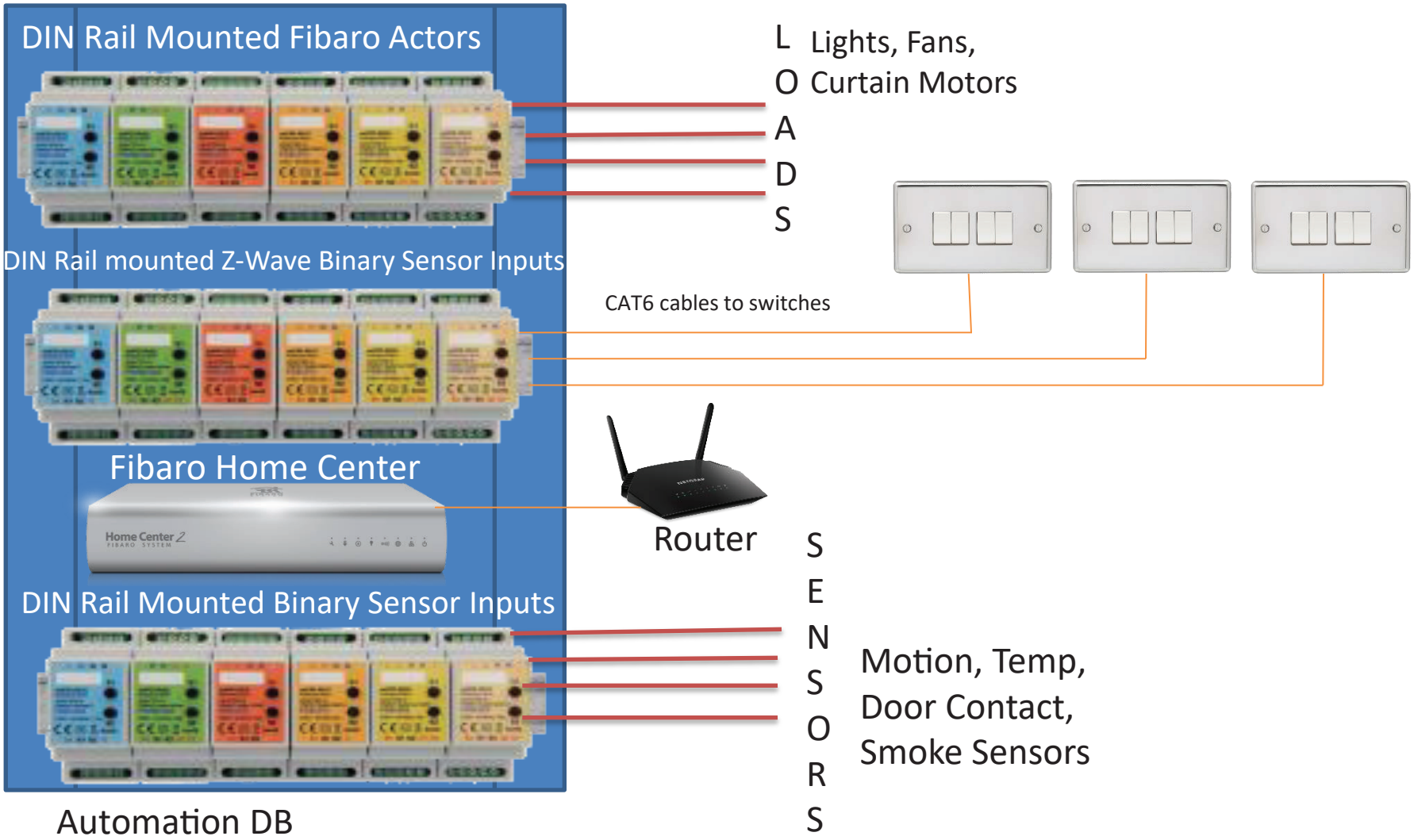
# Fibaro Smart Home Implementation – Wireless retrofit solution in a home with modular switches



# Fibaro Smart Home Implementation – Wireless retrofit solution in a home with dry contact touch switches



# Fibaro Smart Home Implementation – Wired Automation Setup for Dry Contact Modular Switches



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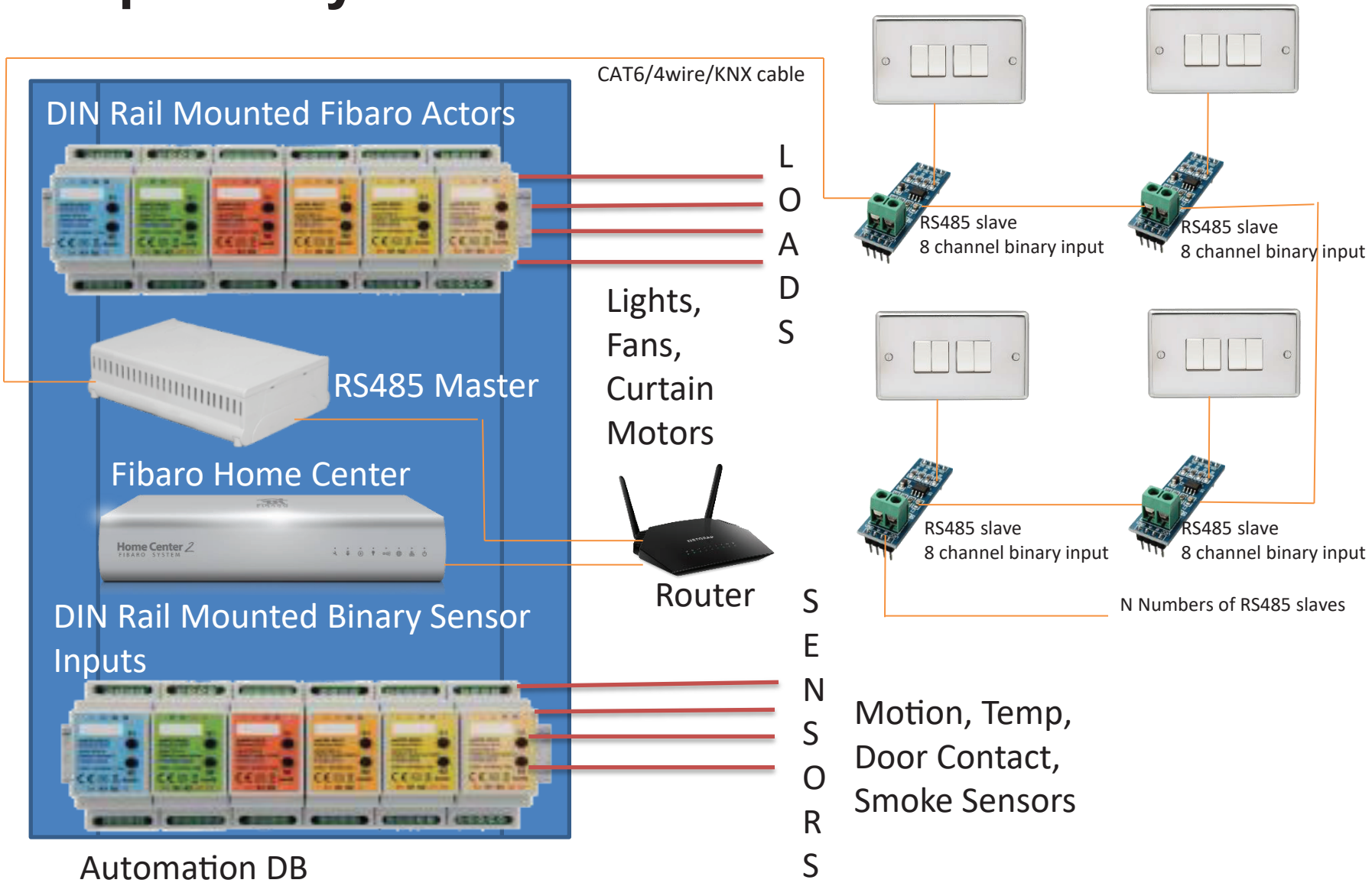

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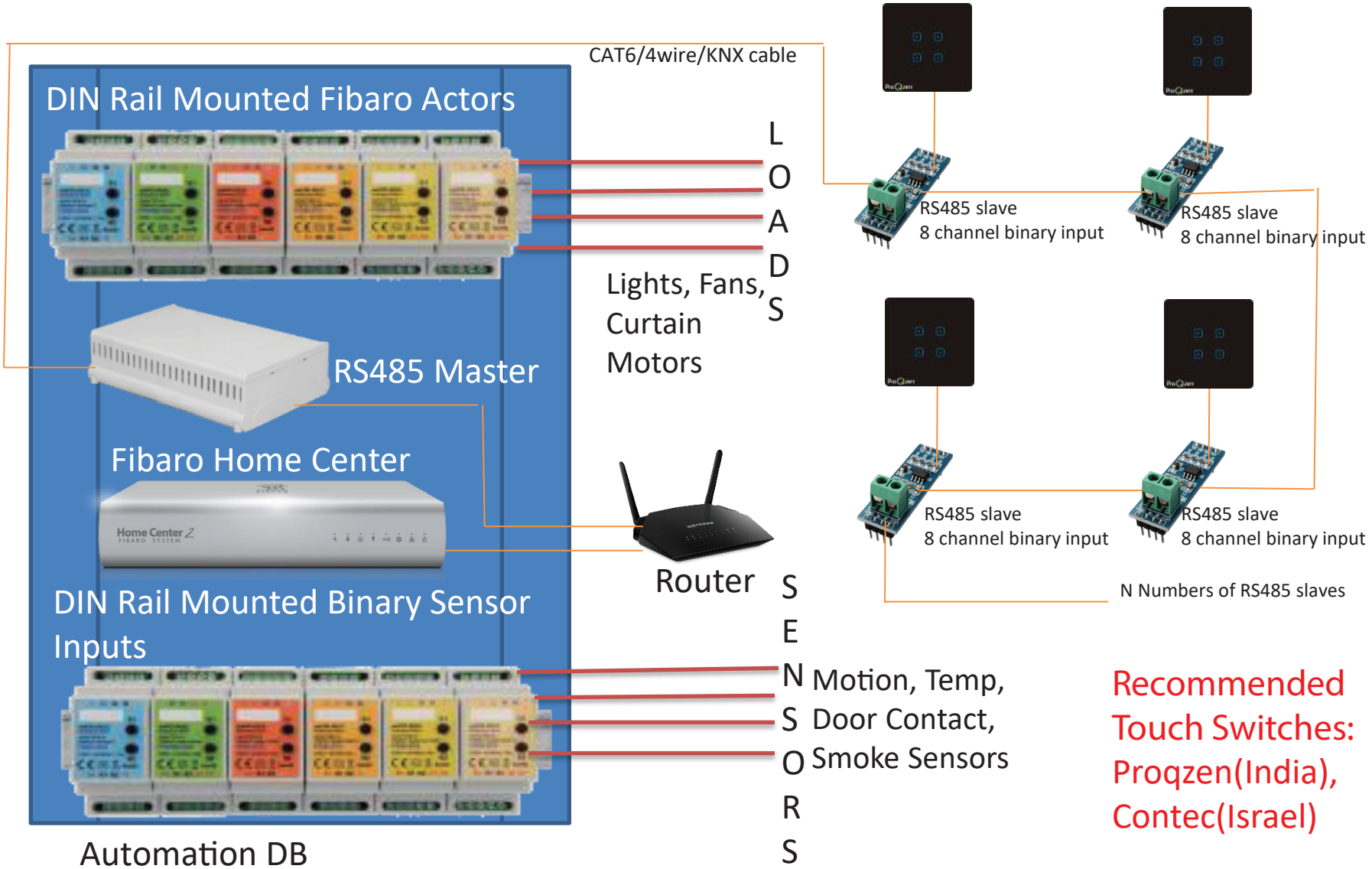


Recommended Touch Switches: Proqzen(India), Contec(Israel)

# 3rd party app compatibility

Fibaro smart home can be accessed from completely customized user interfaces. **Customization includes icons, colors, navigation, buttons, layouts, skins**

Fibaro smart home can be accessed by third party apps like imperihome, home remote apart from the native Fibaro apps for android, iphone, ipad and wearable tech.

# Building Management Solutions

We offer Building Management Solutions like

- Access Control
- Water Metering
- Diesel Metering
- Car Parking Management
- Smart Power Metering
- Lighting Controls
- Fire and Security
- Occupancy
- HVAC

# Other protocol compatibility

Fibaro smart home is compatible with other home automation protocols like KNX, RS232/RS485, Zigbee, Modbus, RF433/315 MHz via using respective IP converters

# Clients

**Residences** of

IPS Thilagavathy
Actor Shoban Babu
Actor Dhanush
Actor Ajith
R.S.Munirathnam(RMK Group)

**Projects** for

Ozone Group
Alliance Builders
SIS Builders
AmarBala Architects
Creative Architects

**Corporates**

AVM Studios
Gem Granites
Emaar Projects
Caravel Logistics
SRM Green Pearl Electronics

YM MOVIES PRODUCTION

Reliance Industries Limited

Aster Medcity

HOTEL Le GRAND FINEST HOSPITALITY

Muktha

KOCHAR HOMES

Apollo HOSPITALS

PUMA ELEVATOR

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