

H O W



S M A R T

I S N O W ?

Zigbee Light Link: Philips Hue, Osram Lightify



Quelle: Philips

Zigbee Light Link: IKEA Trådfri



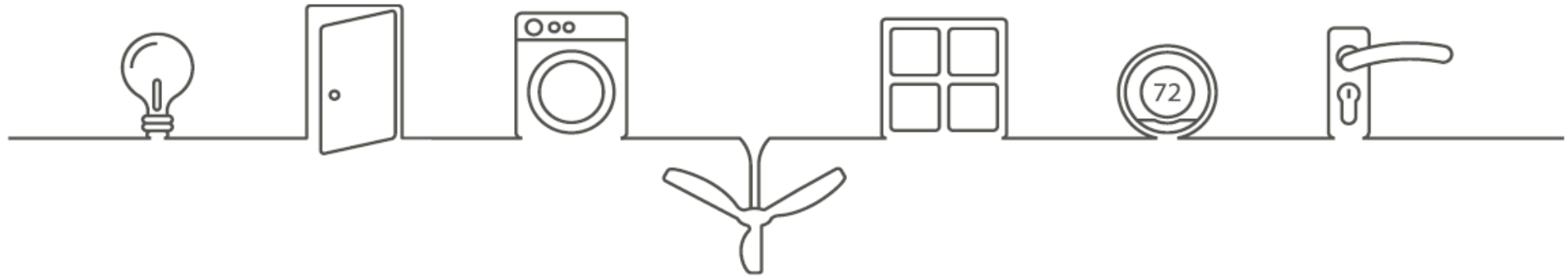
<https://www.heise.de/make/artikel/Das-steckt-in-Ikea-Tradfri-3597295.html>
http://www.ikea.com/de/de/catalog/categories/departments/lighting/smart_lighting/

proprietäre Anwendungen einzelner „Things“



Thread

THREAD | Target Devices



Lighting

Sensors

Appliances

HVAC

Sensors

Energy Saving

Security

- Normally Powered

- Gateway
- Lighting
- Appliances
- Smart Meter
- Garage door opener
- HVAC equipment
- Smart Plugs
- Fans

- Powered or Battery

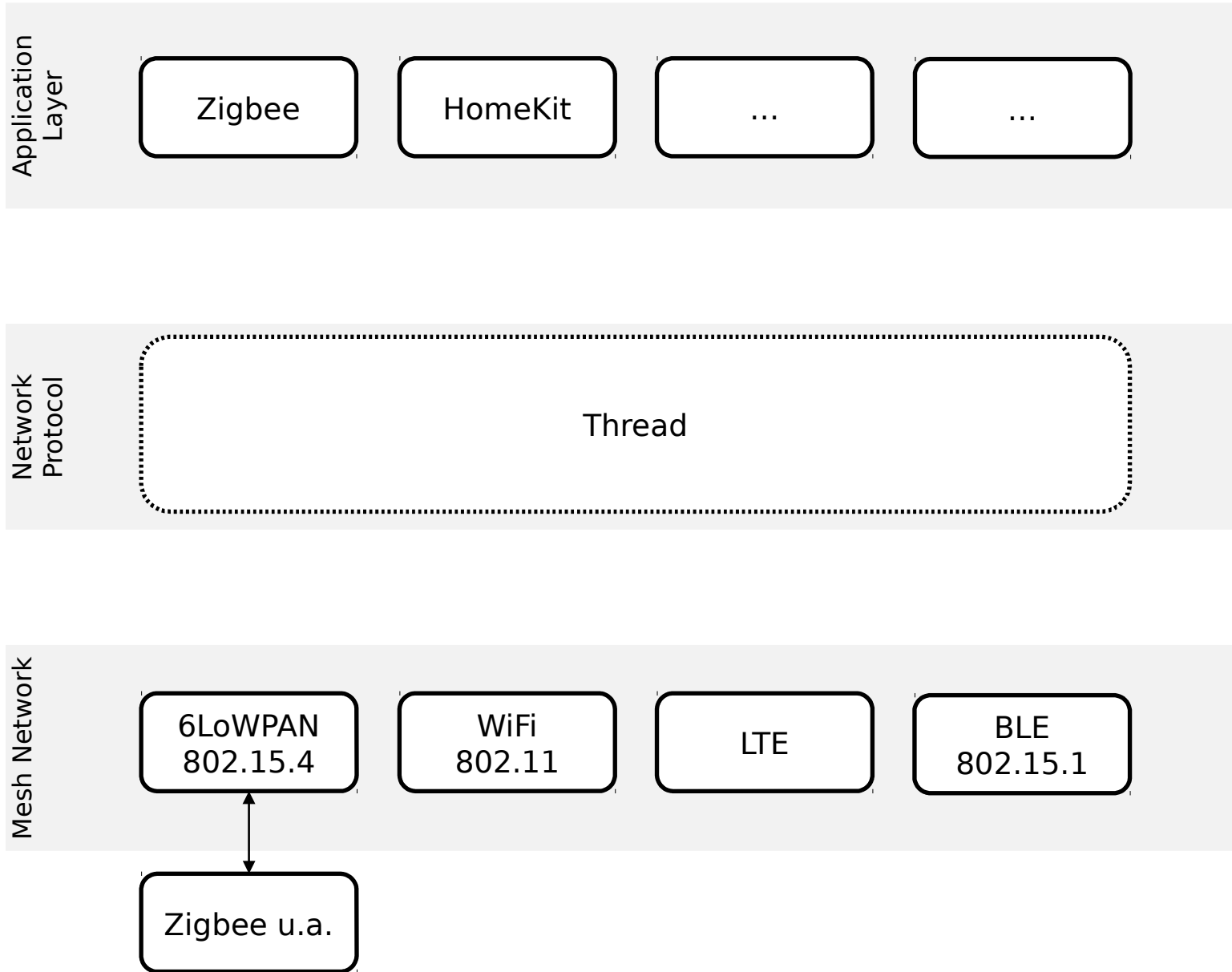
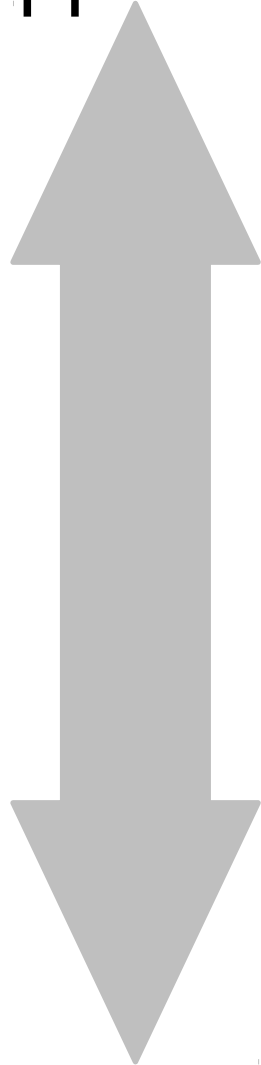
- Thermostat
- Light switches
- Smoke detectors
- In home display
- Shades or blinds
- Door bell
- Glass break sensors
- Robots/cleaners

- Normally Battery

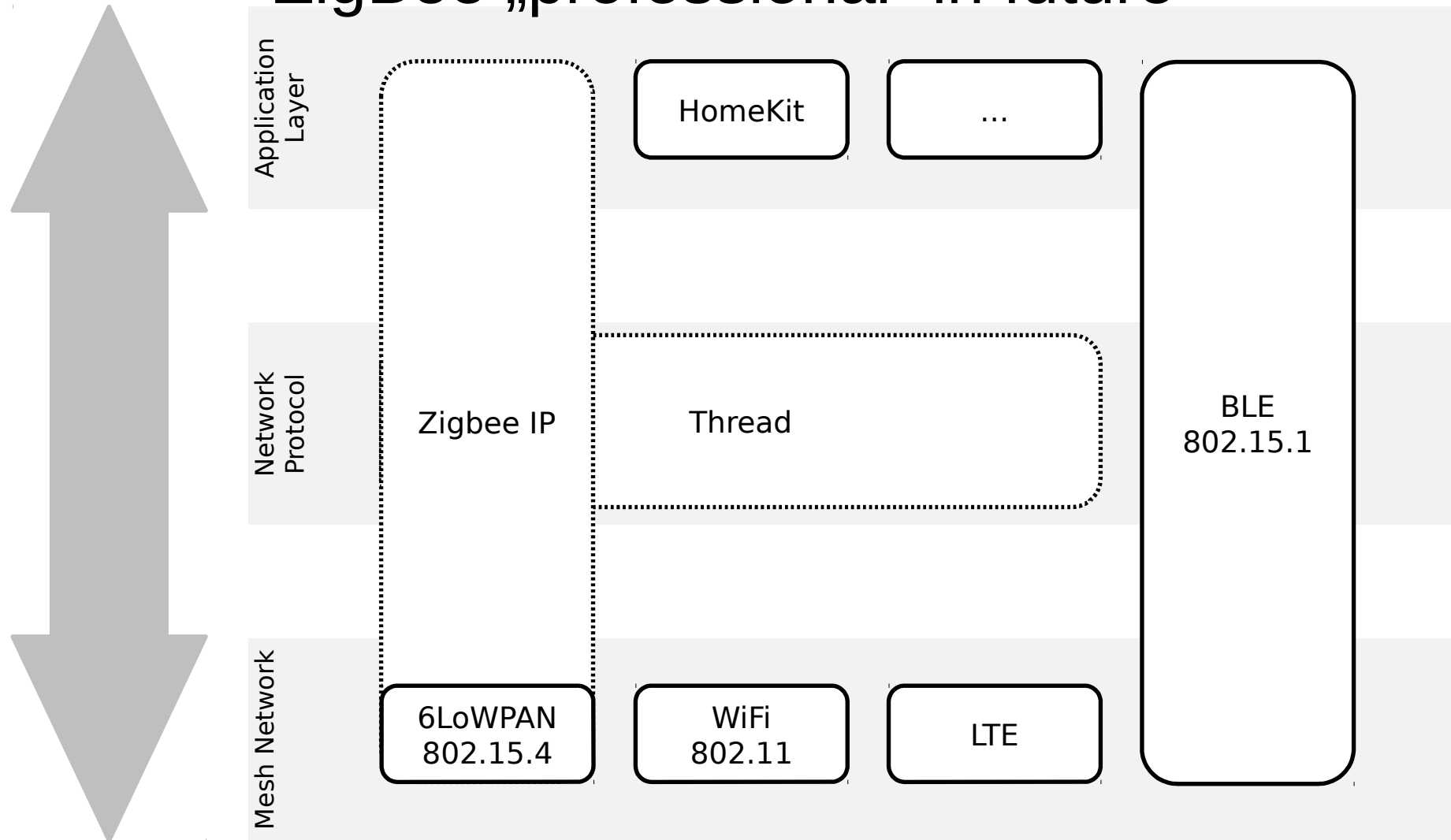
- Door sensors
- Window sensors
- Motion sensors
- Door locks
- Radiator valves
- Body sensors

<http://www.threadgroup.org>

Application <> Network Protocol <> Mesh Network

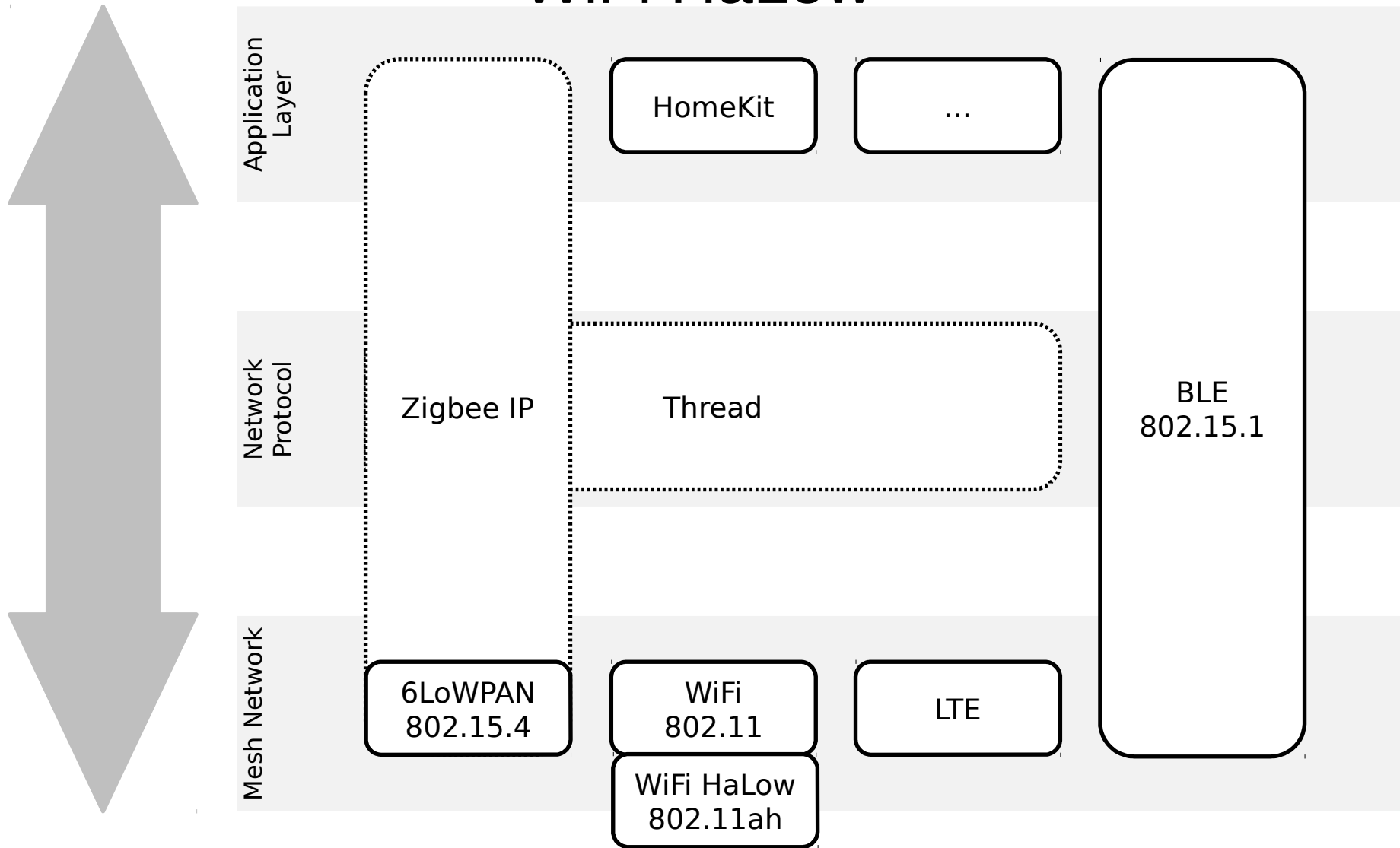


ZigBee „professional“ in future



<http://www.ledsmagazine.com/articles/2016/12/zigbee-role-in-smart-ssl-and-the-iot-may-change-to-application-layer.html>

WiFi HaLow



<http://smarthomewelt.de/halow-wi-fi-ieee-80211ah-standard/>