



- (1) 24/7 Home controller with rule database interfacing actuators and sensors via multiple technologies
- (2) WiFi (WLAN) network interfacing to power supply based devices (consumer electronics, home appliances)
- (3) 2nd generation wireless technologies (z-wave, ZigBee)
- (4) Local smartphone / tablet based home control app
- (5) Proprietary smart home components (e.g. Apple's HomeKit) integrated via bridges
- (6) 3rd generation low energy wireless technologies (e.g. Bluetooth LE, EnOcean)

- (7) Remote smartphone based home control app
- (8) Smart meter reporting on supply & demand based tariffs and the availability of local generated power
- (9) Wireline based control of the building infrastructure
- (10) Integration of data from public and private Internet based services
- (11) Automatic generation of reports on key operating parameters