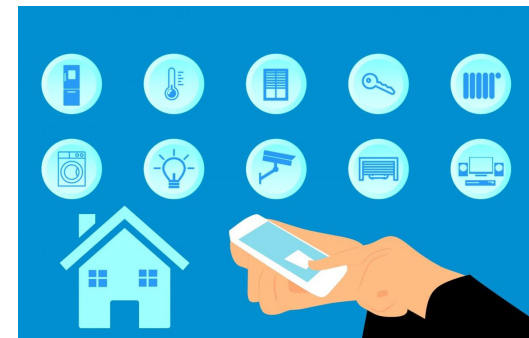

Martyn Allen – Technical Director martyn.allen@electricalsafetyfirst.org.uk

How a smart home can be a safer home



Who has one of these?



amazon alexa

Works with
Apple HomeKit

Google Home

What about other smart applications?



Applications, safety benefits and risks

Home Security

Locks, cameras, sensors

Incident Prevention

Fire, flood, electrocution
Recall, registration

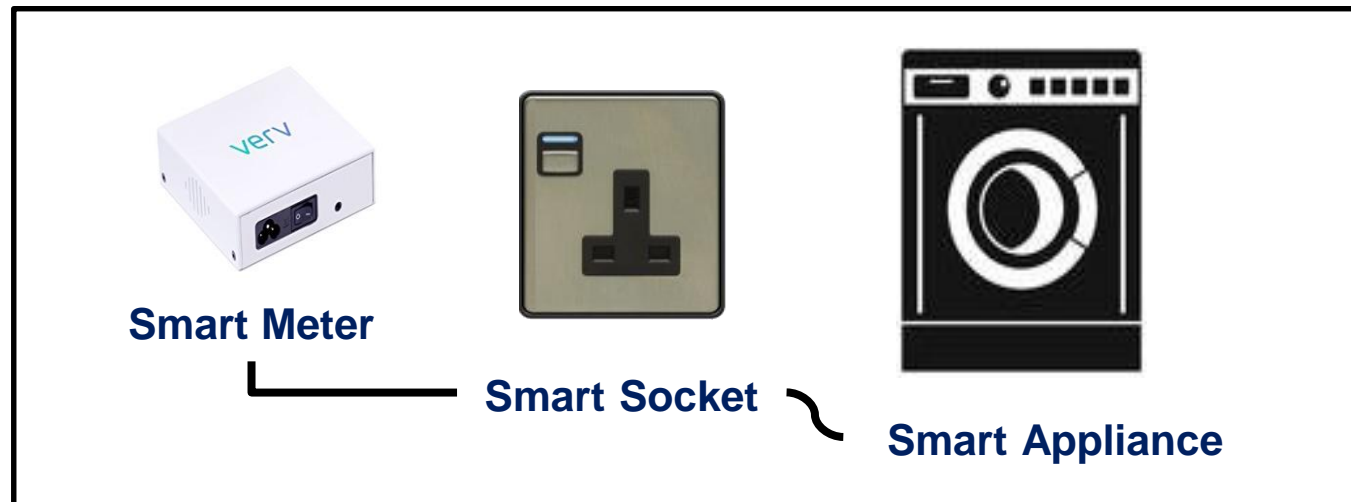
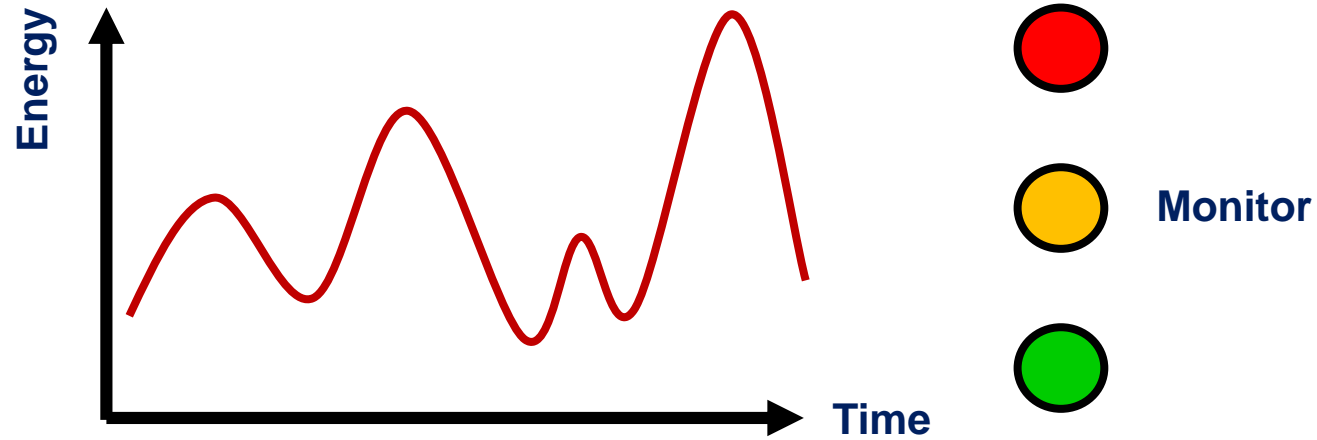
Personal Safety

Home healthcare, family
wellbeing

Data Security

Encryption, passwords,
firewalls

Condition monitoring



So what are the downsides and where next?

- Liability if things go wrong
- Borderless enforcement
- Interoperability – education and trust
- Plug-n-play v professional install
- Product use/misuse
- Cyber security
- Standards development - future-proofing
- Artificial Intelligence (AI)

Questions?

martyn.allen@electricalsafetyfirst.org.uk

Registered Charity (England and Wales) No. 257376
Registered Charity (Scotland) No. SC039990
Electrical Safety First is the campaigning name of the
Electrical Safety Council.

©2017 Electrical Safety First

Electrical Safety First
45 Great Guildford Street
London
SE1 0ES

Helpline <tel:02034635100>
Email: enquiries@electricalsafetyfirst.org.uk