

The Internet of Things

More and more devices are connected to networks today: phones, tablets and games consoles are obvious

But we also connect Smart TVs and other devices like doorbells, fridges, dishwashers, and central heating systems

This is called the **Internet of Things**

The Internet of Things

The **Internet of Things** is very convenient:

- I can control my central heating with my phone, so if I'm out I can turn it down so I don't waste energy
- I can check my dishwasher using my phone and get alerts if it needs cleaning or salt added
- With a smart doorbell I can check who's at my door from somewhere else and tell them where to leave a package
- I can tell if the fridge door has been left open, which is a waste of energy and makes the inside warmer, spoiling food

The Internet of Things

The **Internet of Things** is very handy. But there are potential problems:

- IoT devices collect and share information about you, with or without your knowledge. This includes from embedded microphones and cameras, and your location. Companies may be able to learn everything about you
- IoT devices could be hacked: e.g. opening a car or house door remotely without your permission