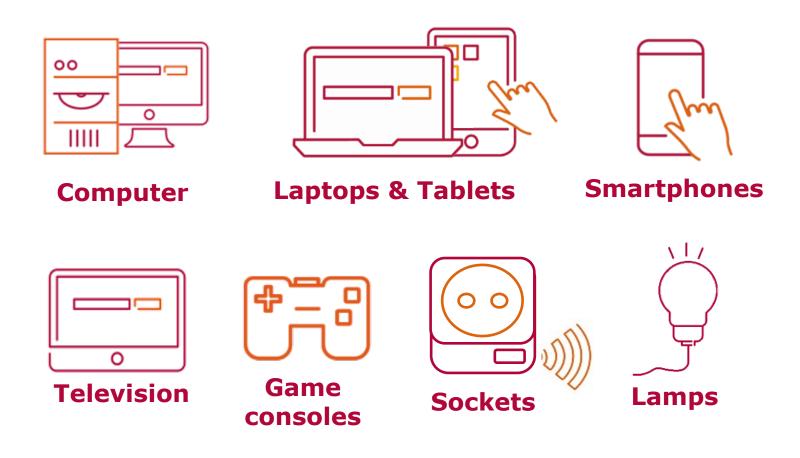


Here Are Some of the Smart Devices You Might Use at Home and Work:

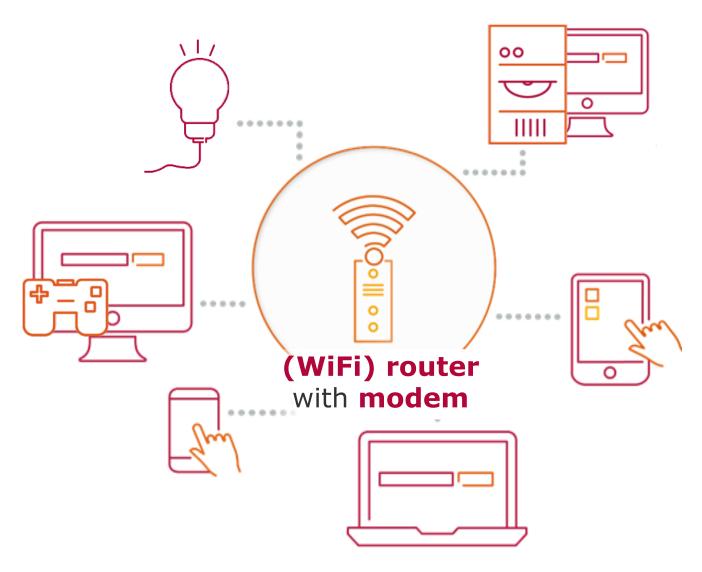




Tooth brushes Coffee machines ...

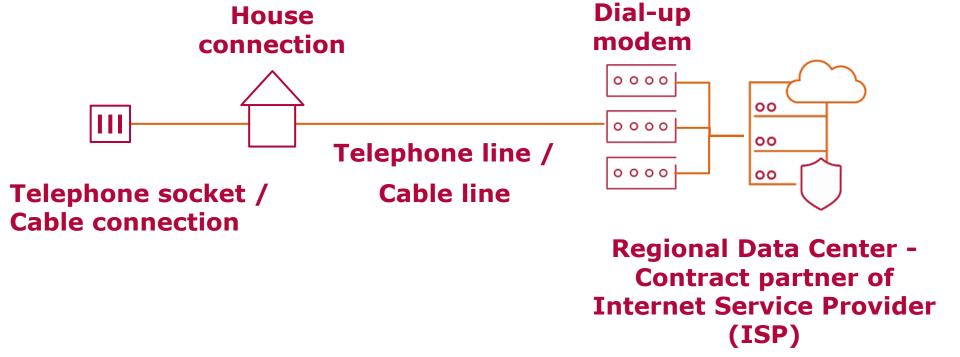
The Devices in Your Network are Connected to the WLAN (Wireless Local Area Network)





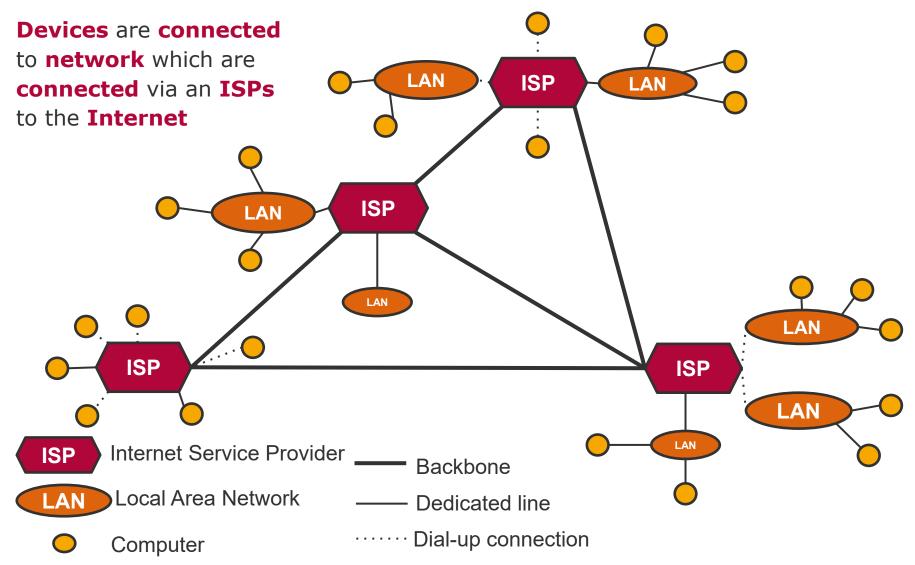
The Home Network is Connected via a Telephone Line to Internet Service Provider





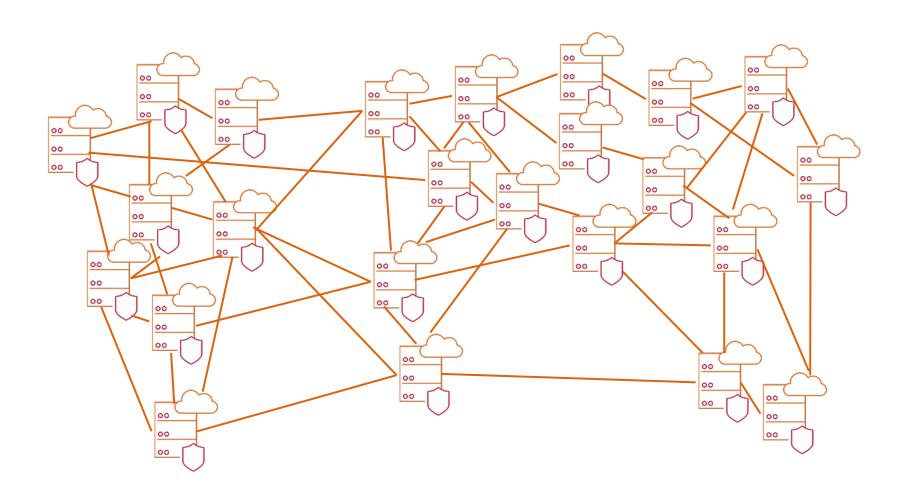
HPI Hasso Plattner Institut

Internet – a Very Tiny Section ...



Different Internet Service Providers are Connected to Each Other in one Network ...





Internet - Today



- Used by everyone all-round the world via
 - personal networks
 - public access points: libraries, airports, etc.
- Internet everywhere: mobile phones, radio, fridges, ...
- Use of Internet technologies for private business corporation networks "intranets"
- Mobile applications of the Internet:
 - police vehicles,
 - medical services, ...
- Internet is changing:
 - communication, processing of information, etc.
 - processing international transactions
- No standards against cybercrimes

The Internet is a Very Attractive Attack Target



