



WORLD DAY OF THE WORLD WIDE WEB

4 FIGURES THAT LINK THE WWW TO THE IOT



The IoT is still young and expanding at an incredible rate



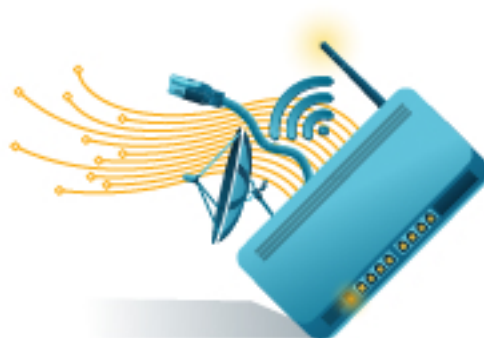
Connected Things

5Bn
2016

50Bn
2020

IPv6 standard was designed for the www. The IoT benefits from its size

✓ Meant to replace almost depleted IPv4 standard



340 undecillion addresses
(3.4×10^{38})
... a very big number!

100 available IP addresses
for every atom on the surface of the Earth

The Math. How the www and a lot more technologies add up to become the IoT



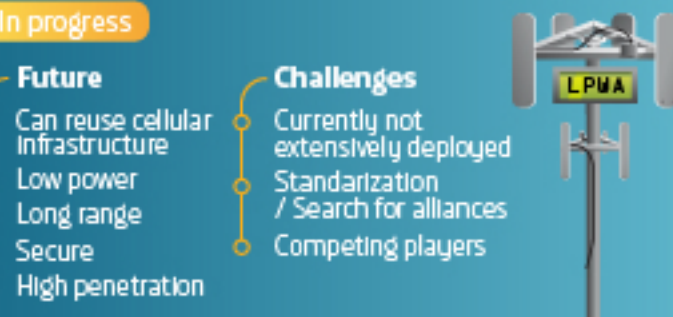
Connectivity: Cellular networks have been important for the www. LPWA is crucial for the growth of the IoT

Now



Current cellular 2G, 3G, 4G, LTE...
Built for people
Communications & Data intensive use
Approx. 100% coverage

In progress



Future

- Can reuse cellular infrastructure
- Low power
- Long range
- Secure
- High penetration

Challenges

- Currently not extensively deployed
- Standardization / Search for alliances
- Competing players

SOURCES:

TELEFÓNICA, FORBES, GARTNER, CISCO