

WORLD OF THE INTERNET OF THINGS

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INTERNET OF THINGS & IPV6

In the search of the "Holy Grail" of IPv6 drivers, IoT was perceived as THE thing

The sheer numbers of devices was calling for unique IP addressing

BUT!

The manufacturers didn't count on ISPs and enterprises that lag behind with IPv6 deployments to provide the relevant infrastructure, they developed their own standards and translated between their protocols and IPv4

It's pretty complicated ©



IOT "SECTORS"

Interface with mobile phones (BLE) — not really on an internet (until you connect to "Sidewalk")

BMS, security, printers, parking management Ideally connected IP on a separate network segment (mostly IPv4-only)
Connectivity to on-prem management (sometimes to private cloud)

