

The Internet of Things

A market that continues to expand



Between
25 to 50 billion
connected objects
in 2020

58% of decision makers
consider the Internet
of Things a strategic
initiative.

According to an IDC study sept 2015

The Internet of Things
could affect
11% of the world
economy in 2025.

Source: McKinsey



Huge potential
in various areas



Home

Monitoring chronic disease and improving well-being could represent \$350 billion in 2025.



Retail environments

In-store personalized promotions and inventory monitoring could represent \$1,160 billion potentially in 2025.



Industry

Operations optimization and predictive maintenance could represent \$3,700 billion in 2025.



Workplaces

Operations optimization and health and safety of employees could represent \$930 billion in 2025.



Vehicles

Predictive maintenance and insurance could represent \$740 billion in 2025.



Cities

Traffic control and resource management could represent \$1,660 billion in 2025.

Source: McKinsey

The Internet of Things

Orange covers the whole of the IoT value chain

Networks suitable
for the exchange between
objects



Value-added
services
in health, wellbeing,
the connected home
or the smart city



Distribution of
connected objects
particularly
in Smart Stores



Datavenue:
data & IoT solutions and services
for businesses regarding collection,
storage, security, processing
and availability of data generated
by connected objects



The IoT in figures

€600
million in revenue
by 2018

105,000
connected vehicles
managed by Orange
Business Services

8
million
connected objects
managed by Orange
in 2015

17 French cities*,
i.e. 1,200 communes,
covered by Orange's
LoRa** network

*Angers, Avignon, Bordeaux, Douai and Lens, Grenoble, Lille, Lyon, Marseille, Montpellier, Nantes, Nice, Paris, Rennes, Rouen, Toulon, Toulouse and Strasbourg.

**Narrowband technology that ensures low-cost, low-energy connectivity

50 connected objects
in 846 stores
in France
and from orange.fr

French Tech connected objects in 6
of Orange's major stores



Standardization works
for future cellular networks
(2G/4G Internet of Things
compatible), operational
during 2017 and by 2022
for 5G

It's all about
what matters to you

