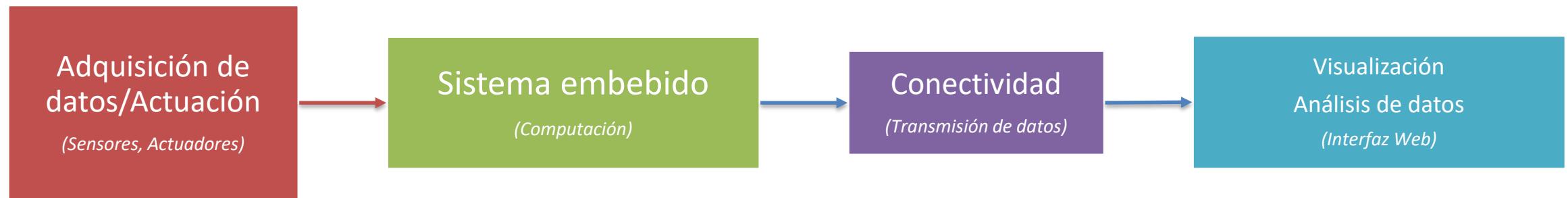


# Aplicaciones del IoT

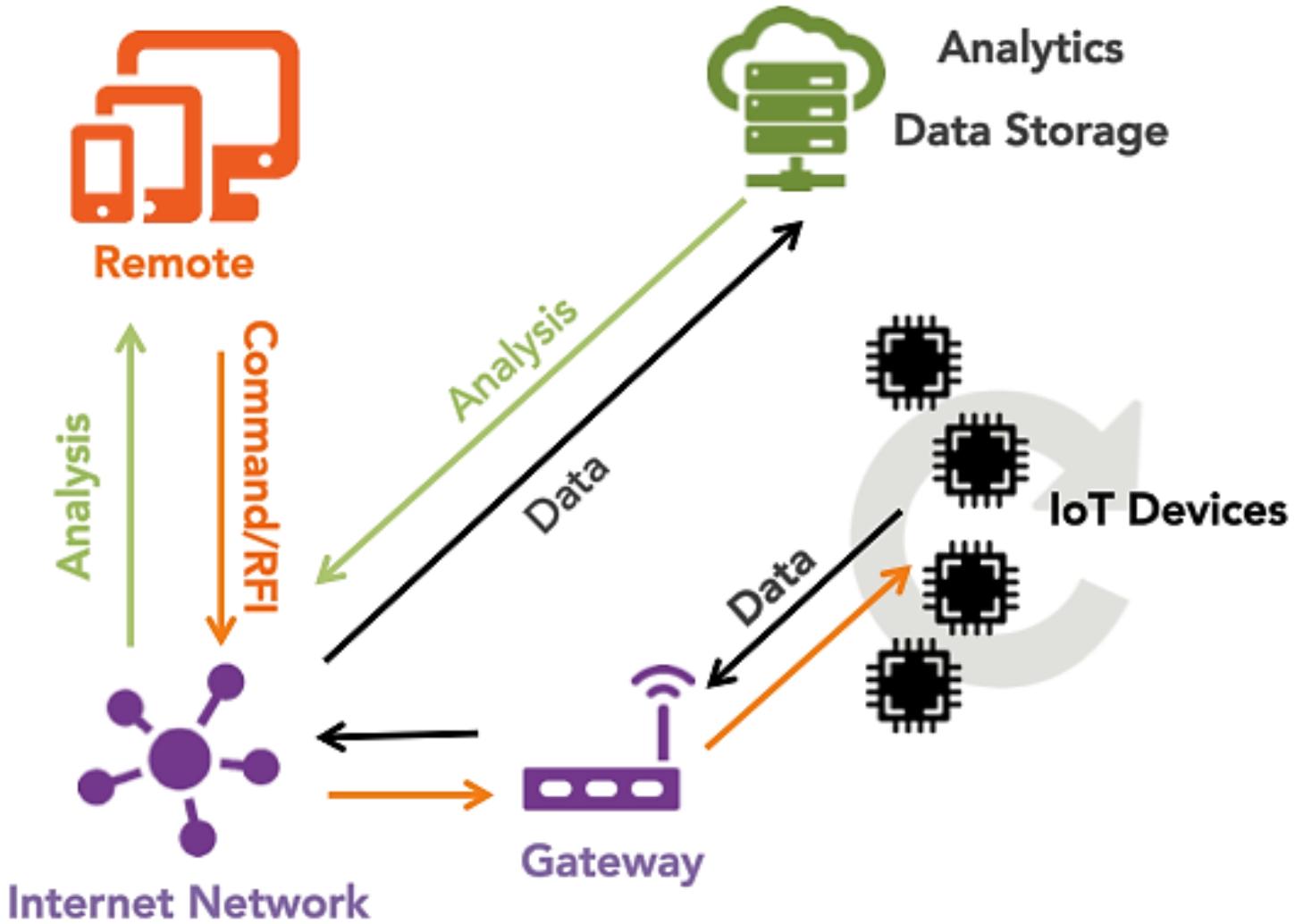
Marco Teran

# Modelo básico de IoT

Un modelo simple IoT contemplaría los siguientes módulos:



# Ecosistema del IoT



# Aplicaciones del IoT

El IoT está en todos lados



Healthcare and Life Sciences



Municipal Infrastructure



Smart Home



Retail



Manufacturing, Logistics & Supply Chain



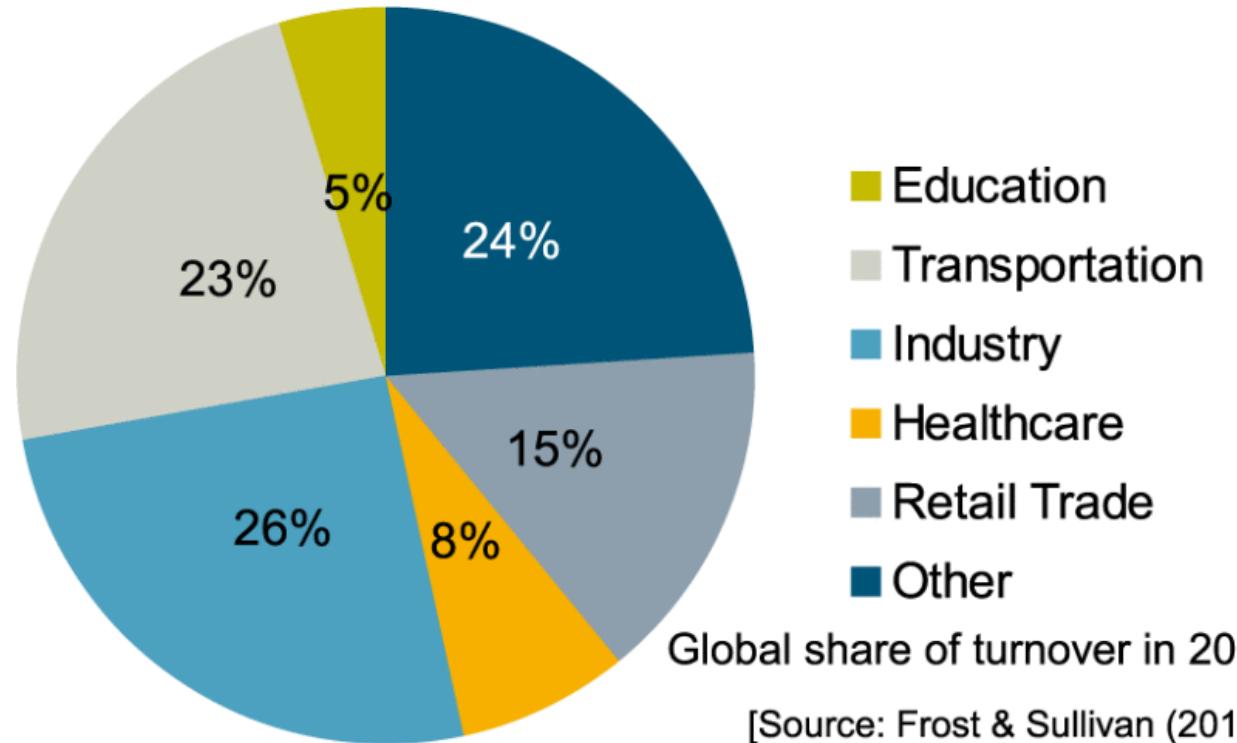
Agriculture



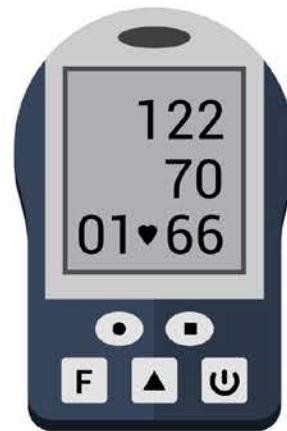
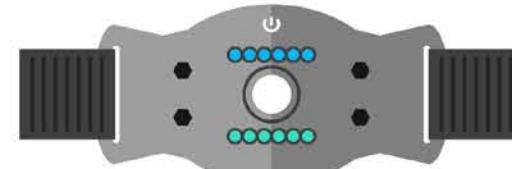
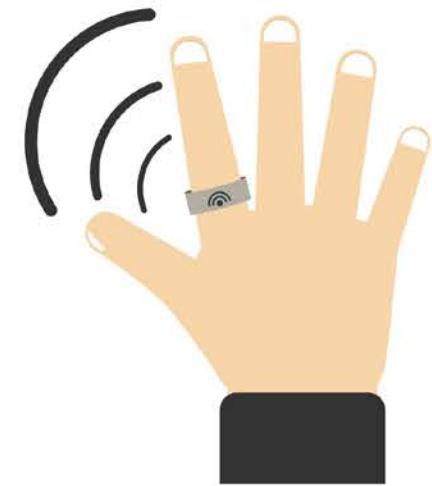
Education



Automotive



# Vestibles (wearables)









10:12



Synchronization

10:12

100%

## Health Book

72 bpm



Heart Rate



Sleep



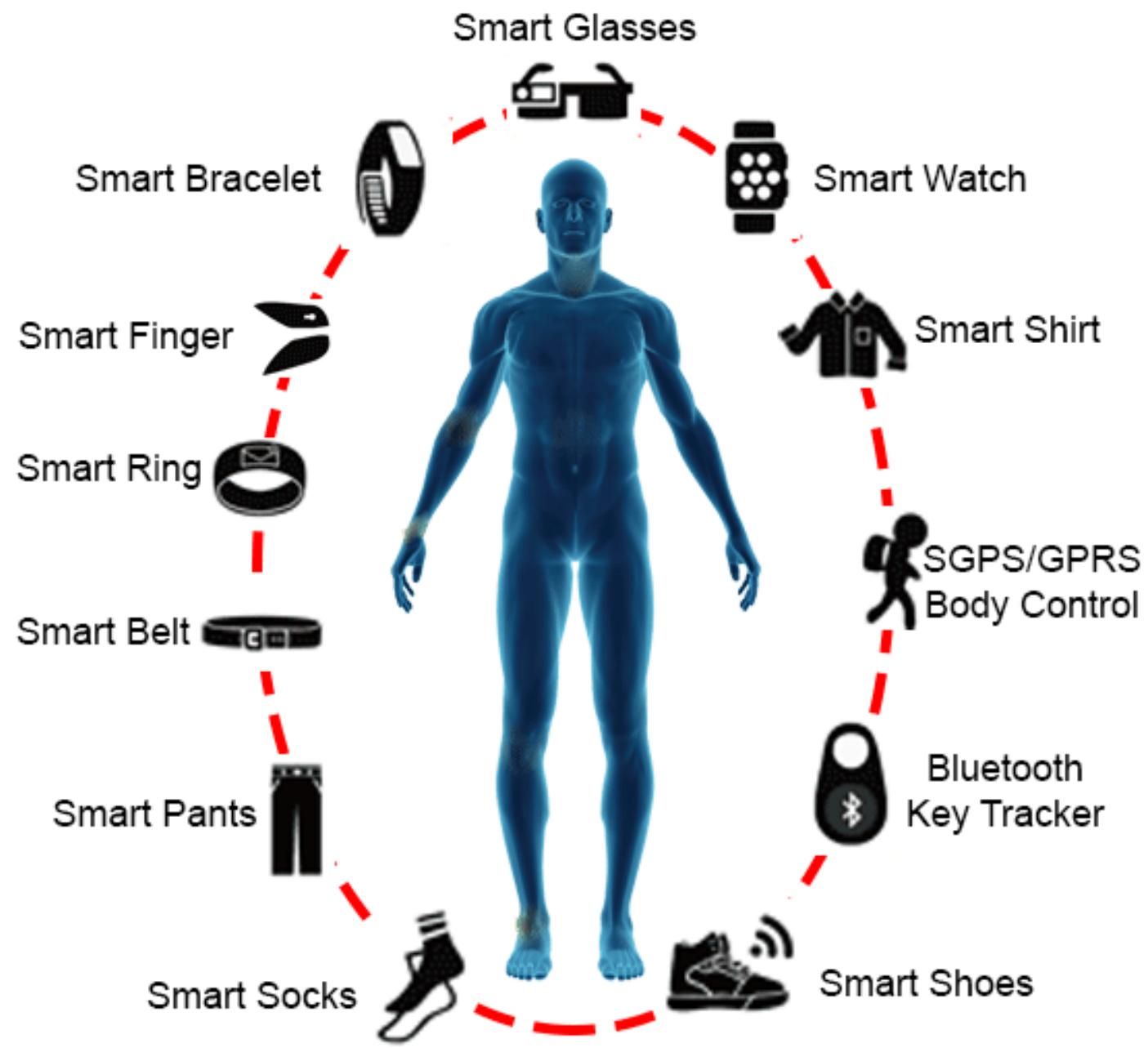
Emergency



Weight Loss



Fitness Gym





# The Global Wearables Market Is All About the Wrist

Estimated worldwide wearable device shipments (in million units)



@StatistaCharts

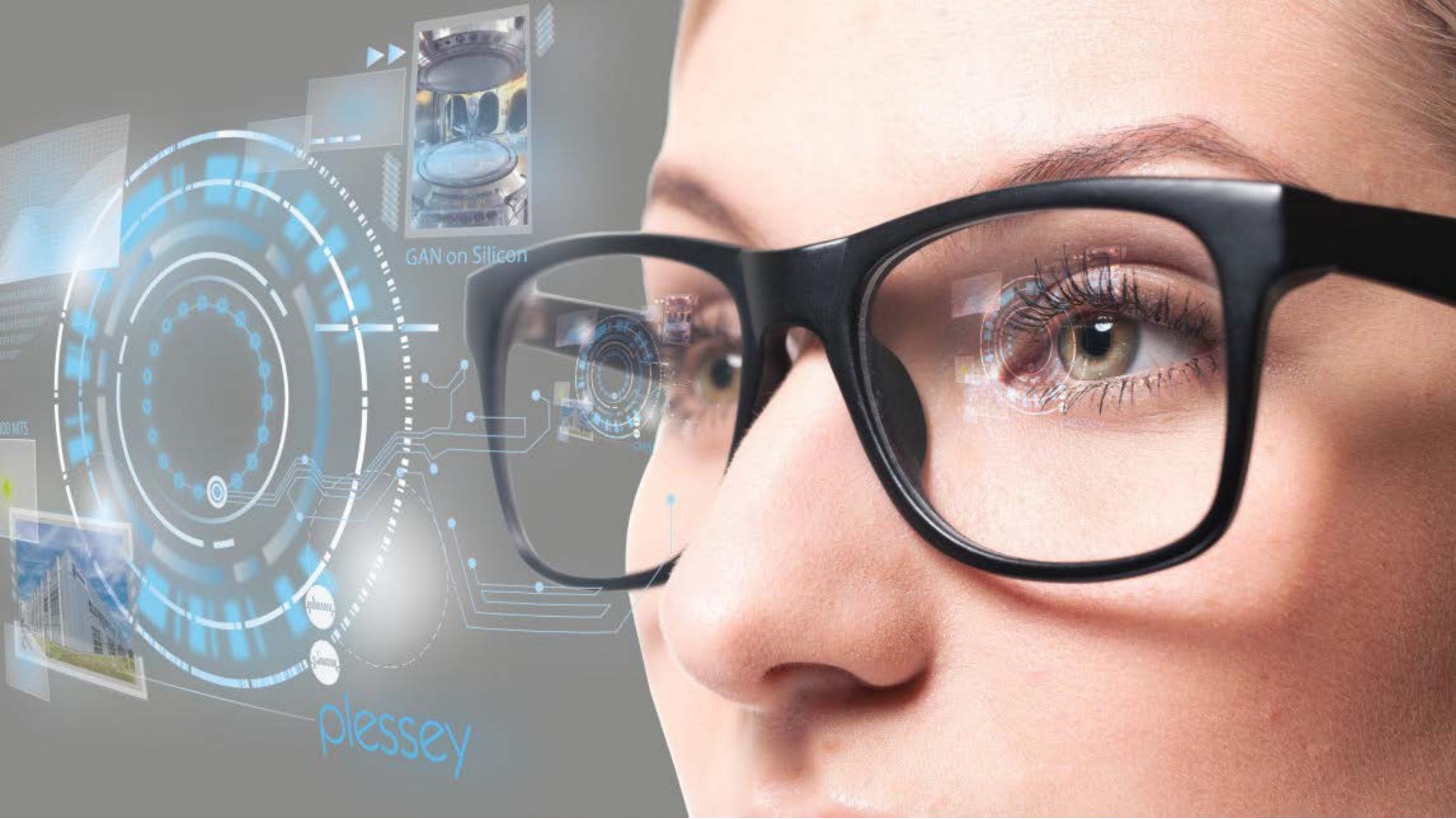
Source: IDC

statista









plessey



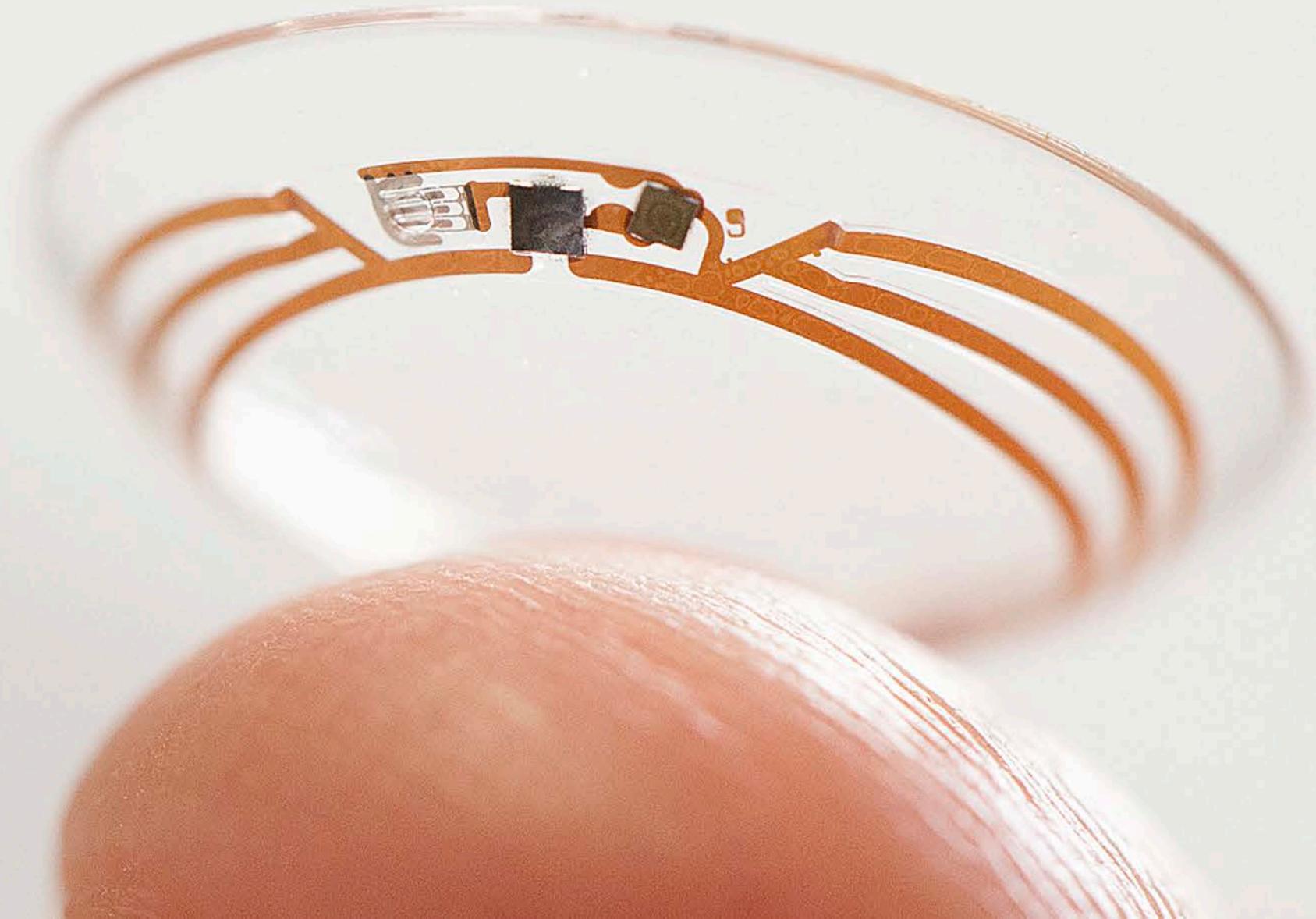
Monday

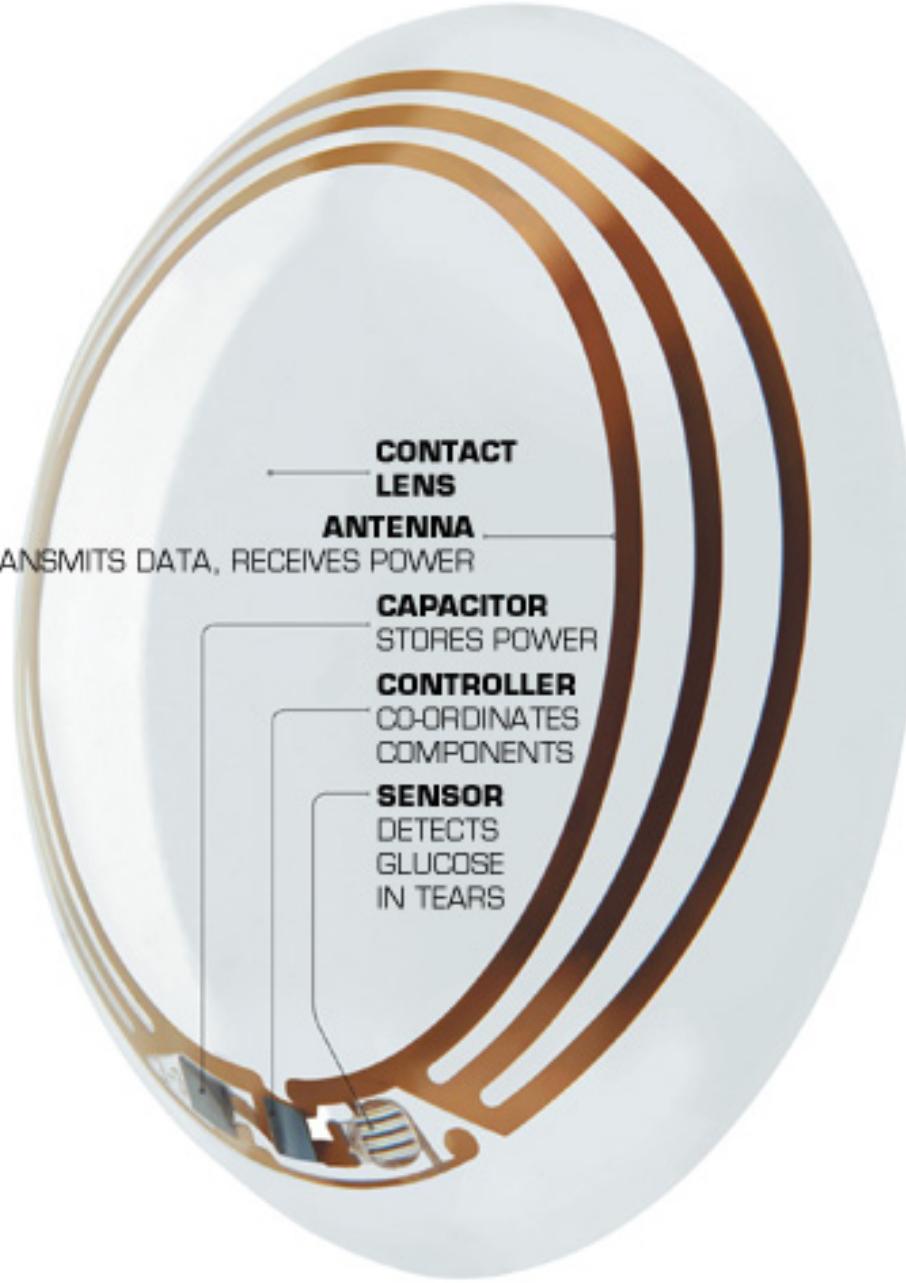
December 10th











# Agricultura de precisión

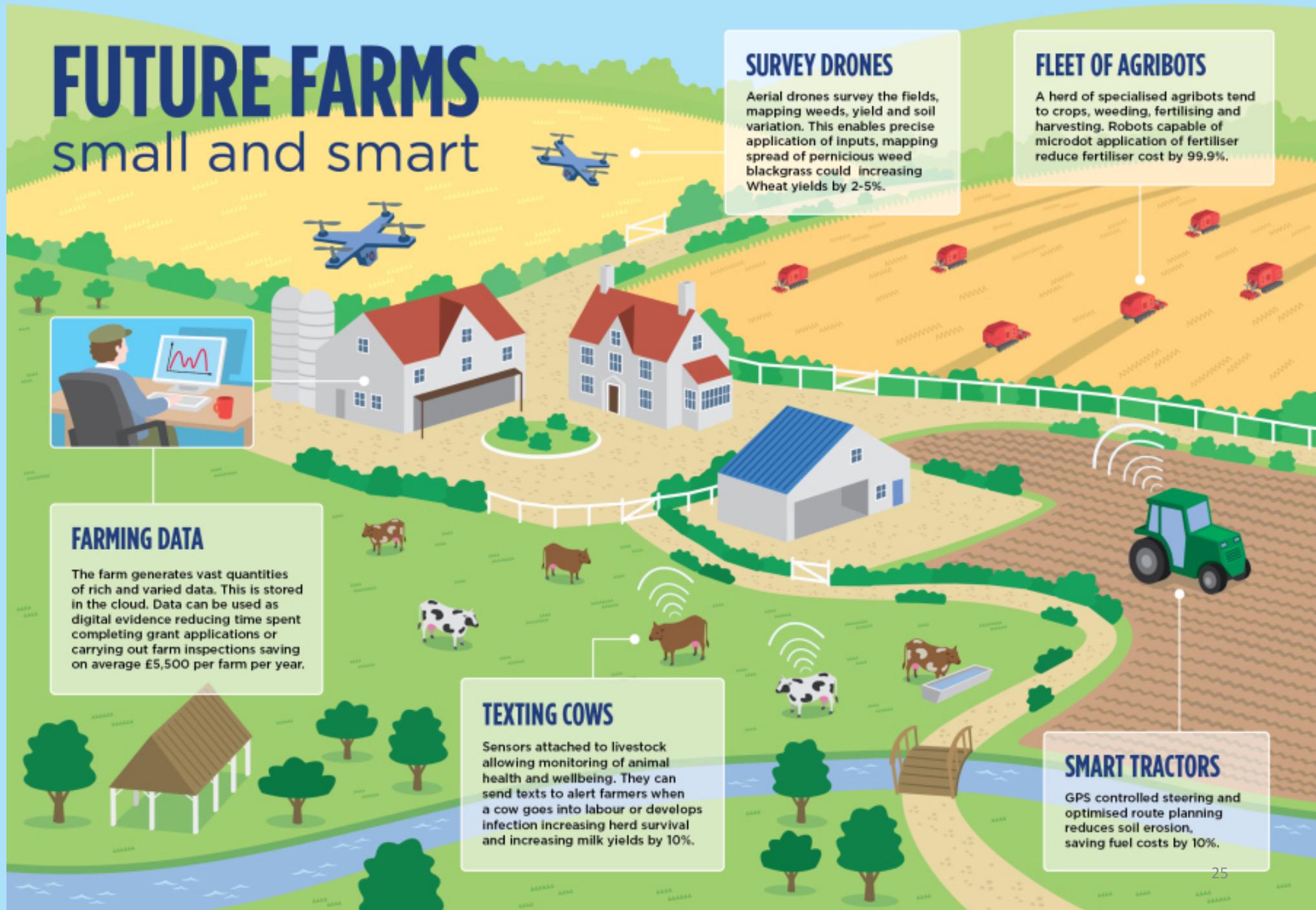




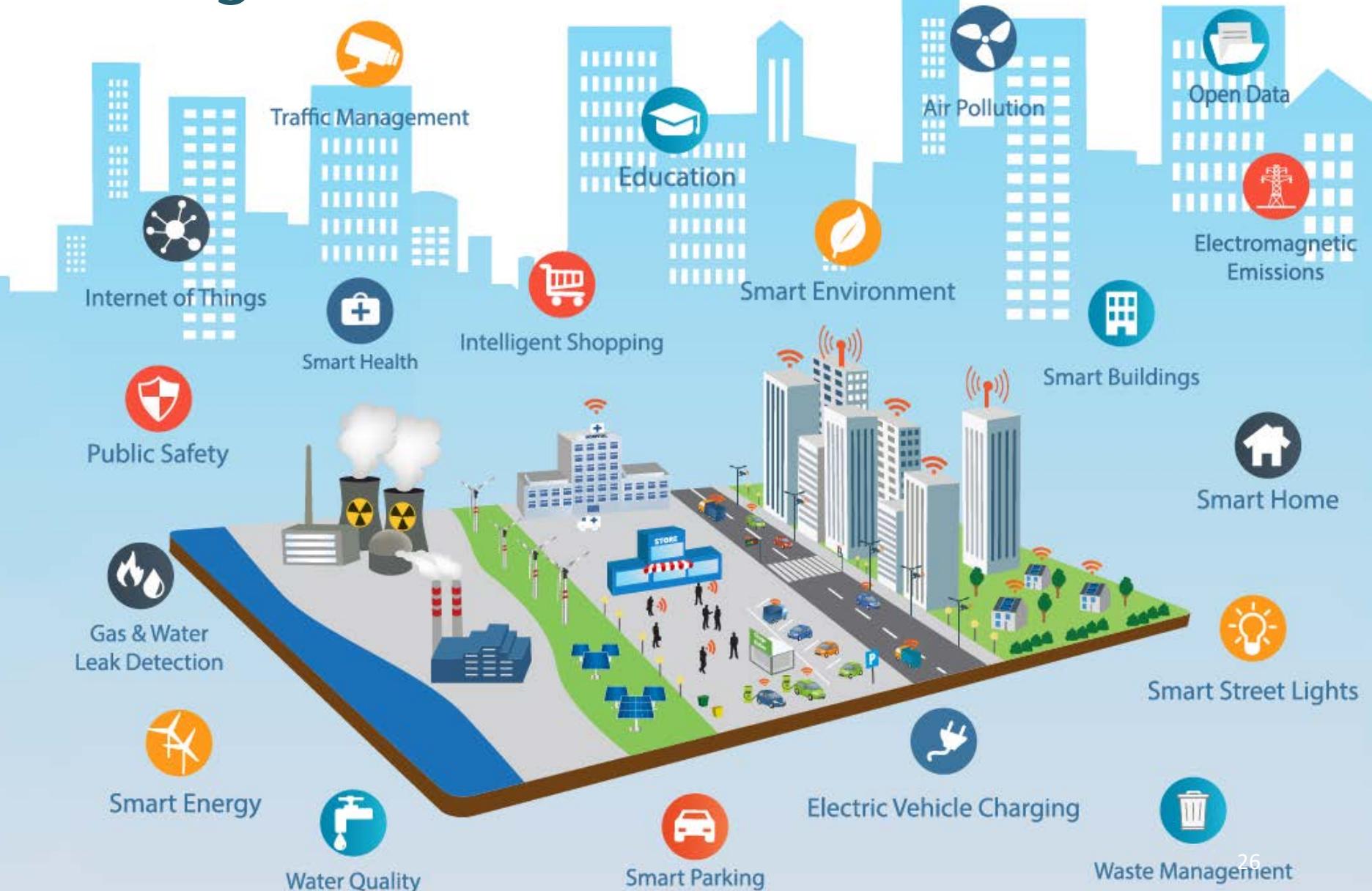


# FUTURE FARMS

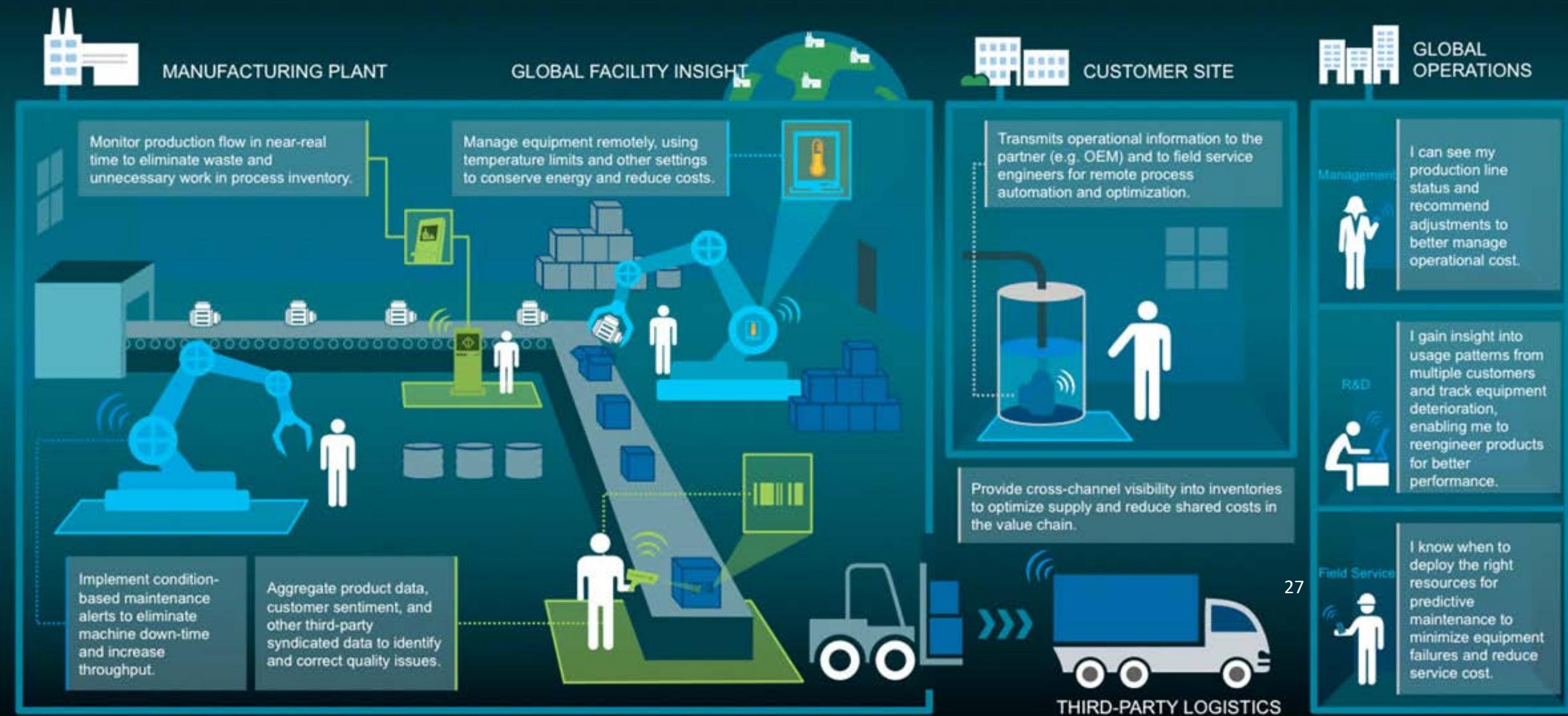
## small and smart



# Ciudades inteligentes



# IoT en la Manufactura





Process  
Control

HART

Automatic mode

Machine 1

Machine 2

Machine 3

Machine 4

Machine 5

Machine 6

Machine 7

Machine 8

Machine 9

Machine 10

Machine 11

Machine 12

Machine 13

Machine 14

Machine 15

Machine 16

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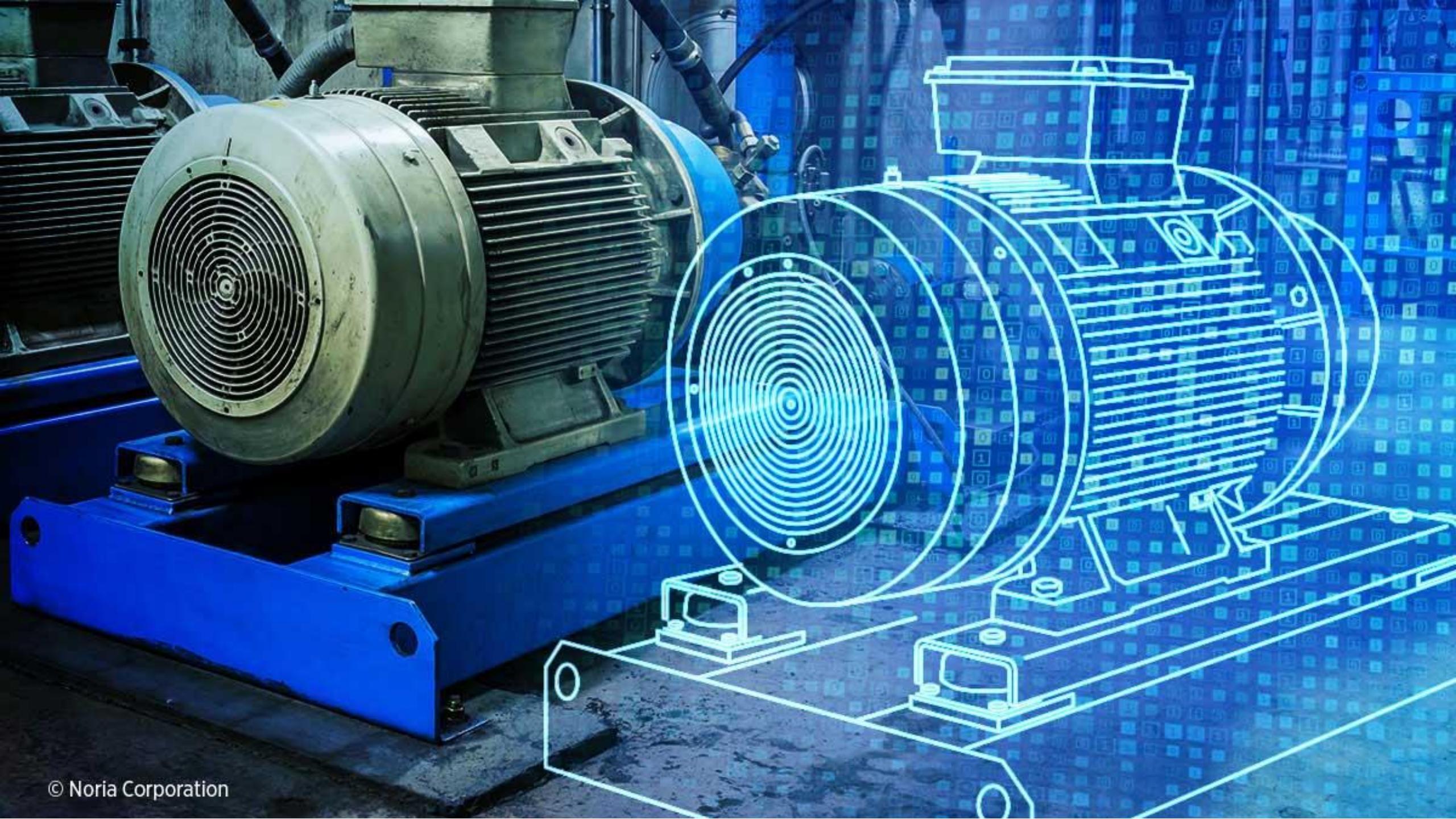
# INDUSTRIAL Internet of things

## Connection

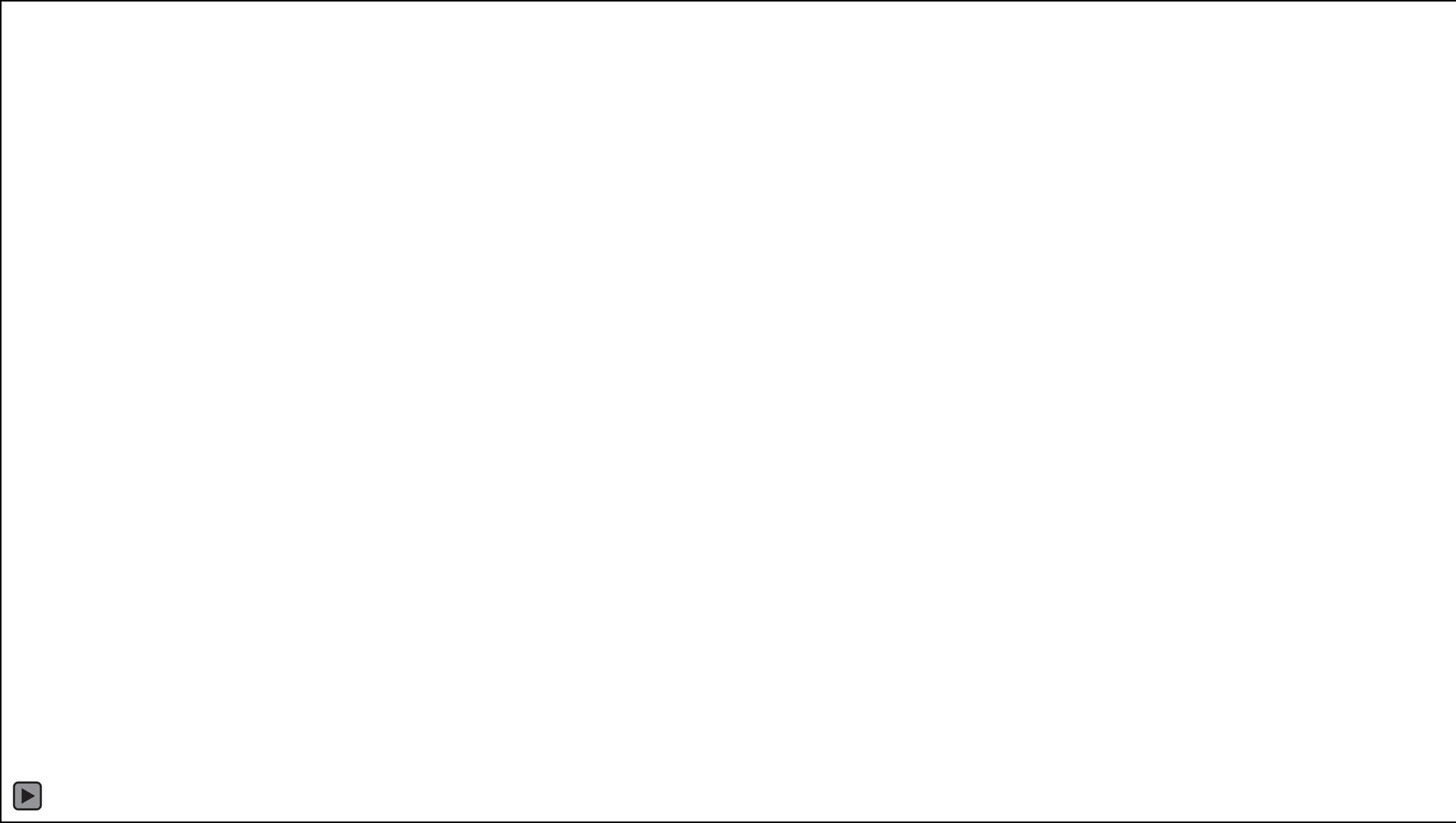
# Things

## Data

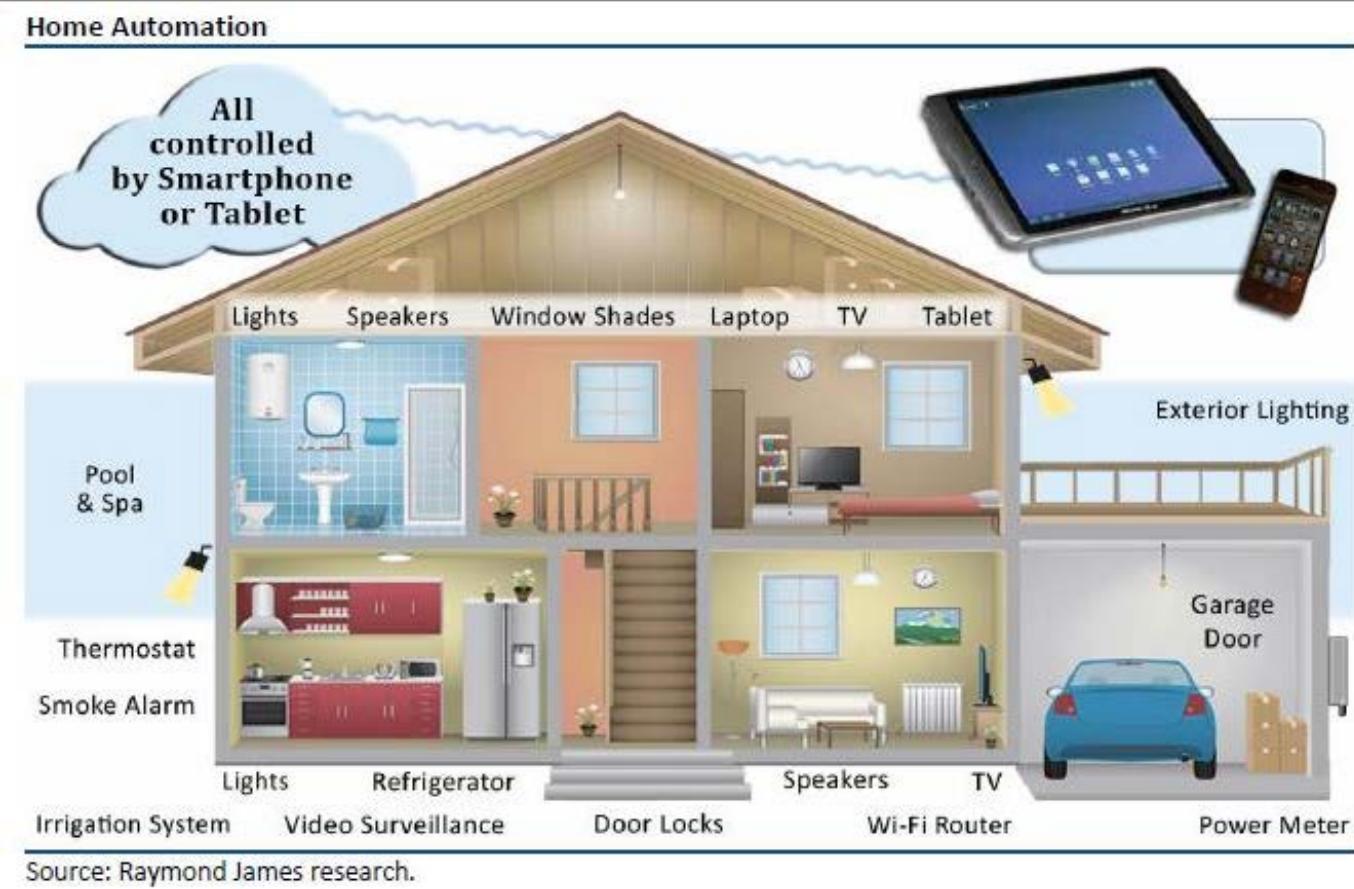






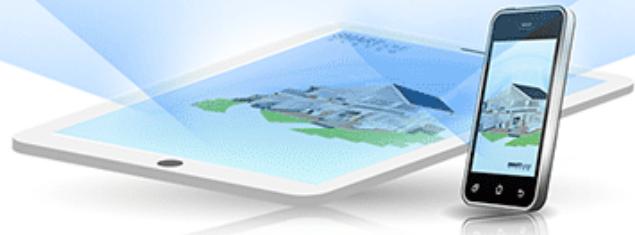


# Domótica (Smart Home)



# SMART HOME



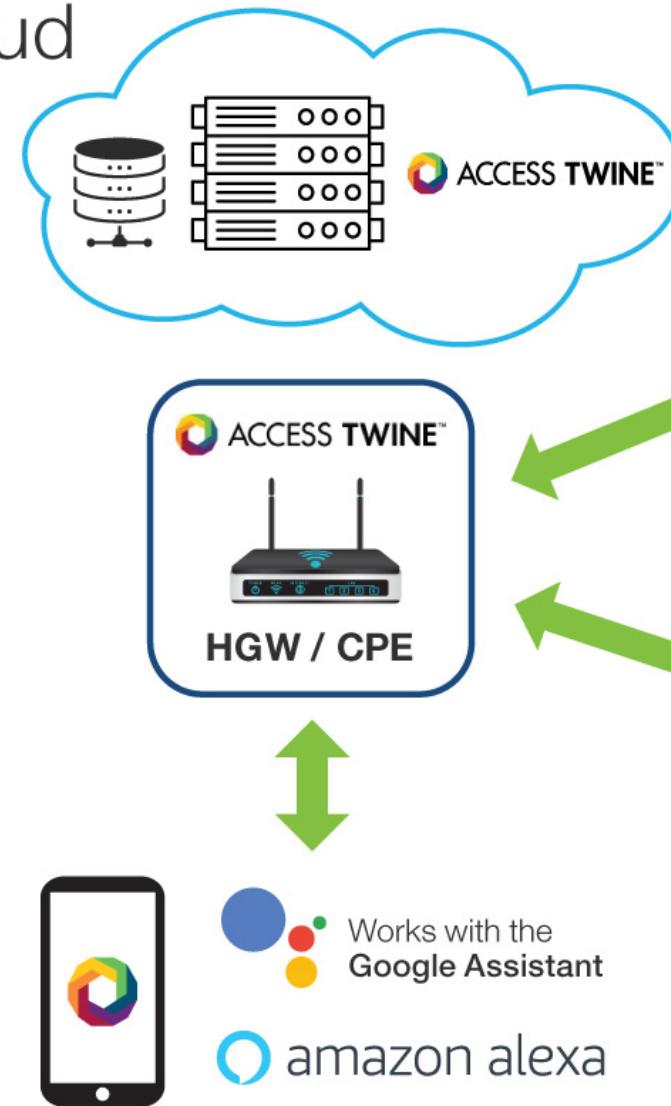


## IoT World



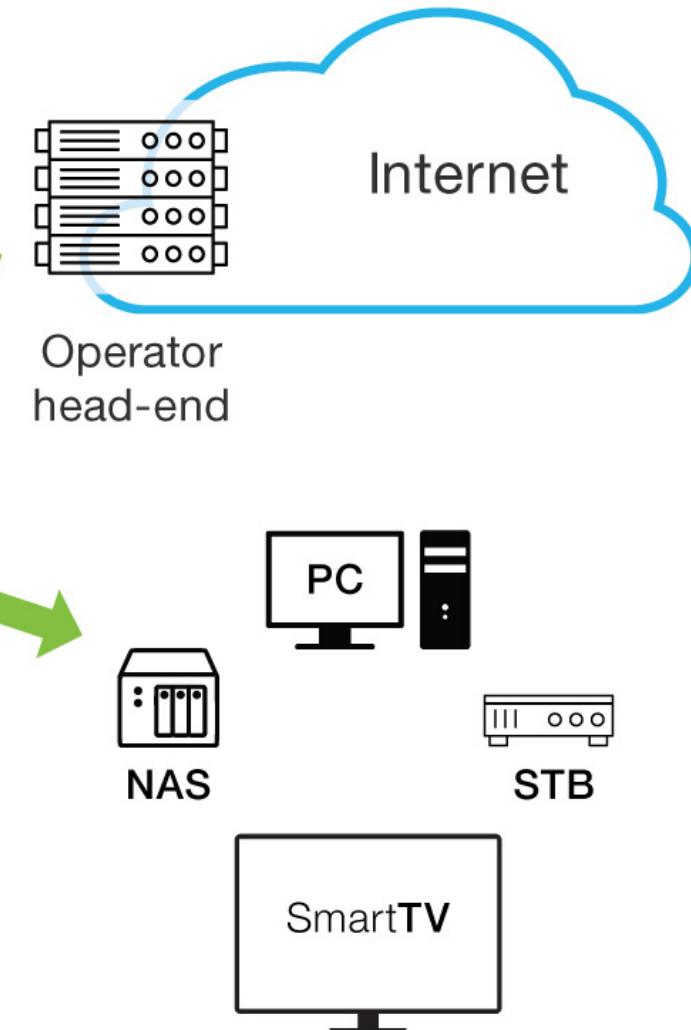
- Door & window sensors
- Water & flood sensors
- Door locks
- Outlets
- Light bulbs
- Garage door openers
- Thermostats
- Energy management
- Shade controls
- Motion detectors
- Security / Surveillance cameras

## Cloud



Control Devices

## Multimedia World





 amazon alexa



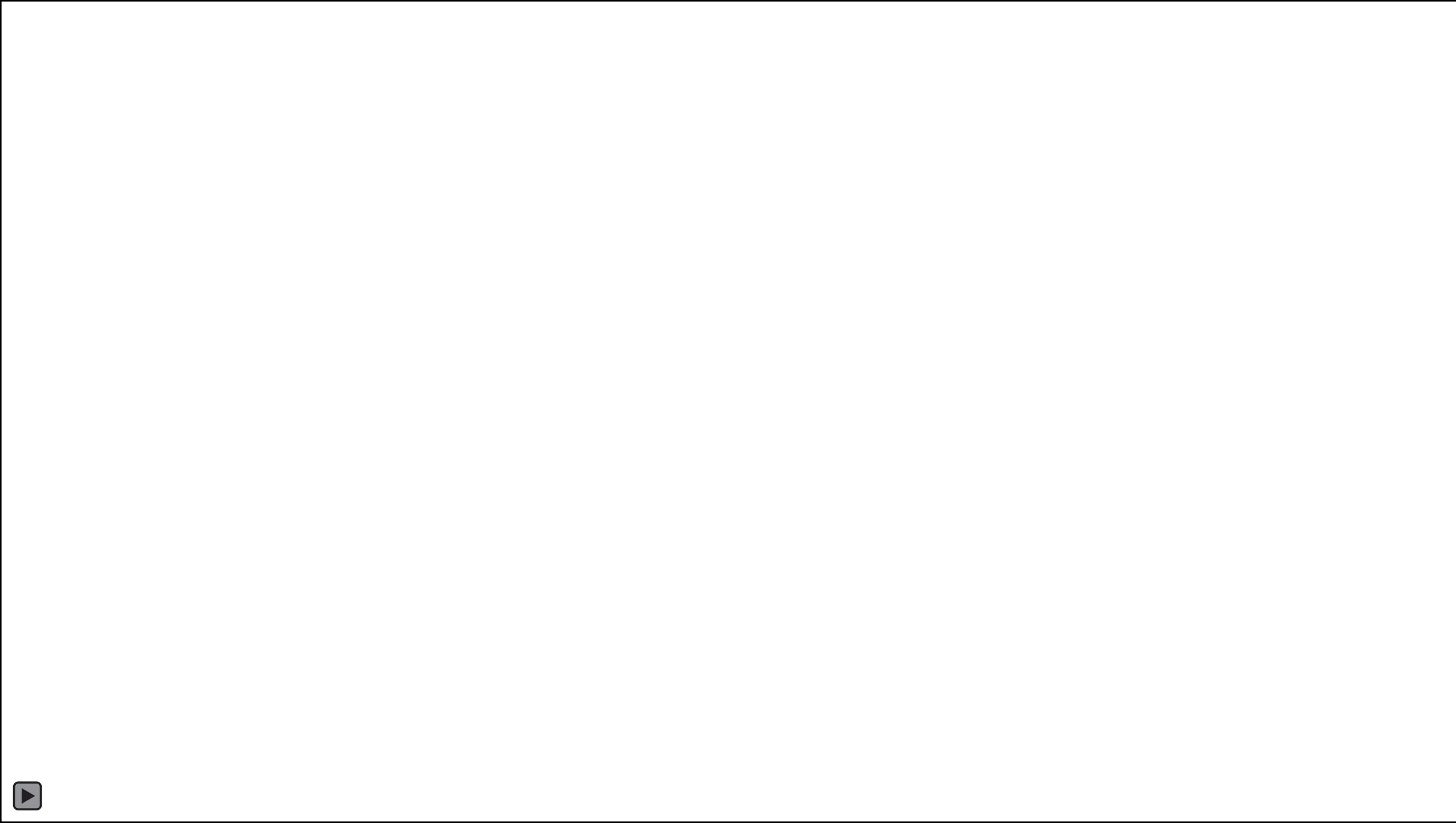
 Hey Google



 Hey Siri



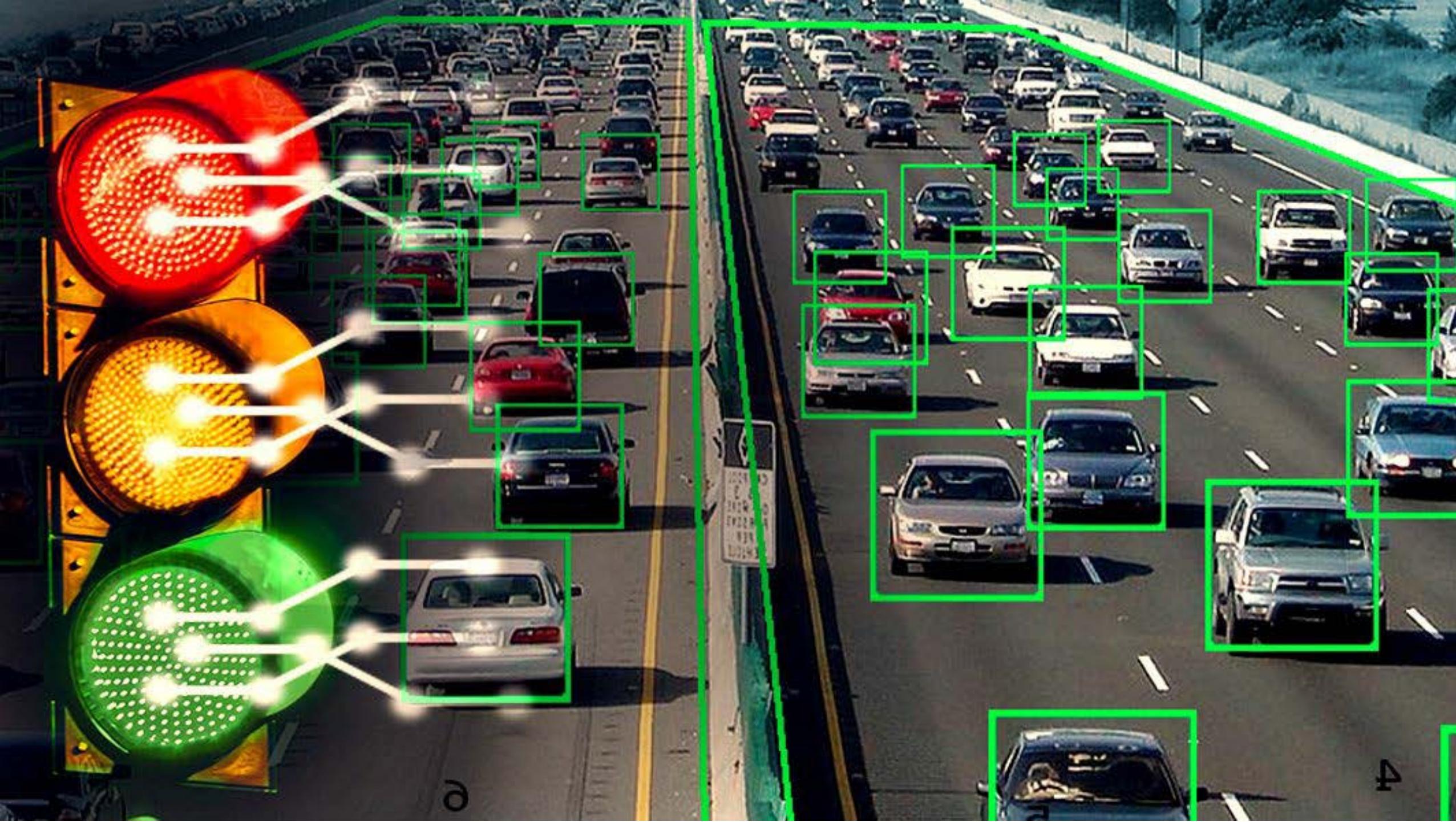






# Transporte

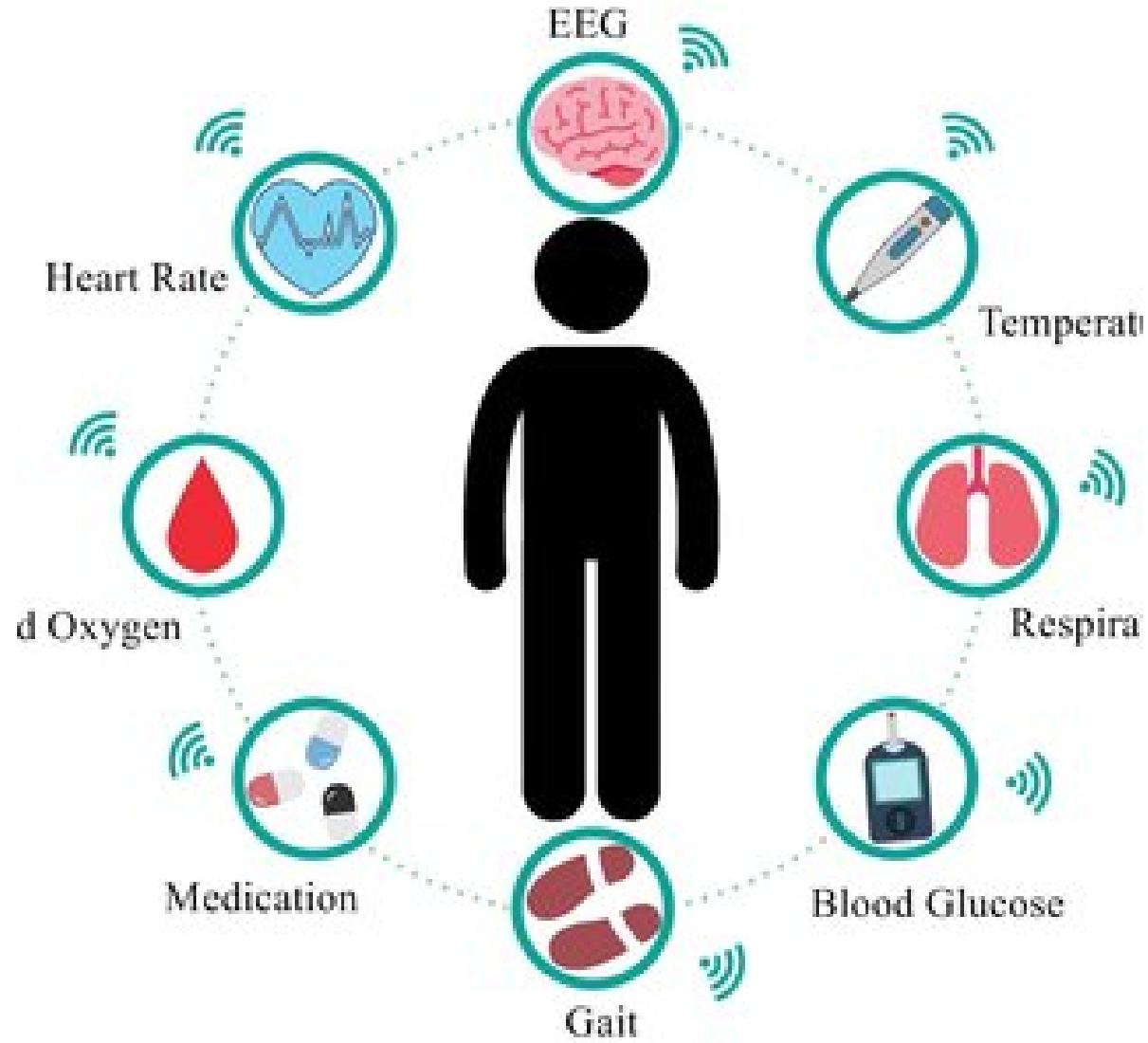






Self  
Driving





# Salud

