

THE FUTURE OF SMART CITIES

Smart Cities use data from Industrial IOT devices to better plan, manage, and operate their local policies & initiatives to improve the quality of life of citizens while reducing environmental footprints. A Smart City has digital technology embedded across all city functions. Smart City efforts use IOT technologies for efficient provisioning of infrastructure and governance ranging from transport, energy & utilities, and safety. Finding partners that can manage the deluge of real-time data from already-deployed edge devices is critical for Smart City success.

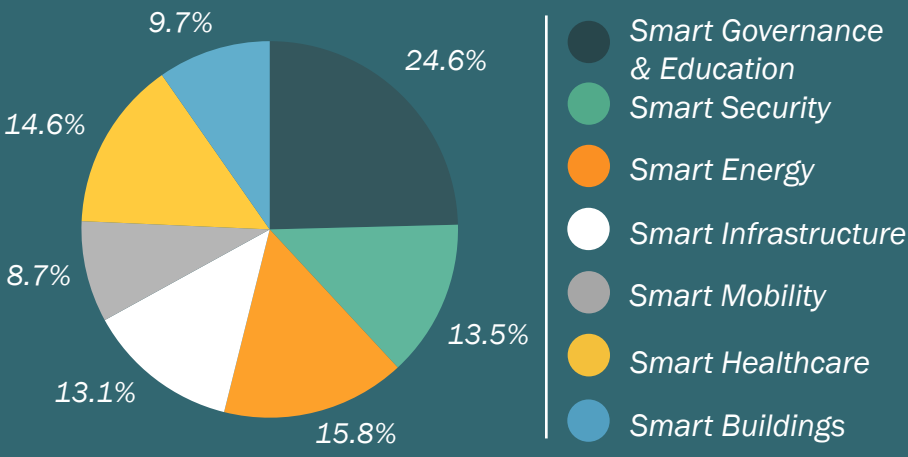
SMART CITIES OF TODAY

58%

of Smart City applications deployed in 2017 focused on use cases in smart commercial buildings and smart transportation.

**Gartner*

Smart Cities by Market (2017)



**Frost & Sullivan*

SMART CITIES OF TOMORROW

\$1.8 TRILLION

Average global annual investment required for all infrastructure projects from 2010 to 2030.

**OECD*

23%

CAGR of Smart Cities market through 2022.

**Markets & Markets*

26+

Global Smart Cities by 2025.

**Frost & Sullivan*

3X

Income from Smart Cities will triple by 2023.

**Navigant*

LEAKY INFRASTRUCTURE



The World Bank estimates that **8.6 trillion gallons** a year is lost through leaks in water infrastructure, which is enough to fill the Hoover Dam.

CONNECTED INFRASTRUCTURE



In next **10 years**, Frost & Sullivan predicts a **\$280 million** investment in vehicle-to-building technology and automation of nearly **150,000** electric utility substations.

SMART PRESENT

45%

Of connected devices were used for Smart homes and commercial buildings in 2015.

**Gartner*

380 MILLION

Connected devices being used for Smart City efforts in 2017.

**Gartner*

\$425 BILLION

Smart Cities market size in 2017.

**Markets and Markets*

SMARTER FUTURE

81%

Of connected devices will be used for Smart homes and commercial buildings by 2020.

**Gartner*

1.39 BILLION

Connected devices being used for Smart City efforts by 2020.

**Gartner*

\$1.6 TRILLION

Smart Cities market size by 2020.

**Frost & Sullivan*

URBAN MIGRATION

86%

Of the US population live in Urban Metropolitan Areas, according to the US Conference of Mayors.

CONNECTED MOBILITY

250 MILLION

Gartner forecasts that about one in five vehicles on the road worldwide will have some form of wireless network connection by 2020.