

# PROCESSING REAL-TIME SMART CITY DATA AT THE EDGE



## SMART CITY FORECASTS

**\$5**  
TRILLION

How much Smart City technologies could save global enterprises, governments, and citizens by 2022 (ABI Research)

**\$62**  
BILLION

Total amount of extra data storage capacity organizations globally waste each year (Stanford)

**15-30**  
MINUTES A DAY

Potential time saved with smart traffic solutions (McKinsey & Company)



## DATA GLUT, COMPLEXITY ARE BARRIERS TO ENTRY



**0.5%**

Number of the world's leading cities that qualify as smart cities (University of Glasgow study)

**600**  
ZETTABYTES

The amount of data that will be generated by database, analytics, and IoT workloads in 2020. (Cisco)

### BARRIERS TO ENTRY FOR ASPIRING SMART CITIES:

Data glut and diverse sensor types, compute hardware, add-on cards, clouds, and apps. (McKinsey & Company)

## WHAT CITIZENS & BUSINESSES WANT

- **EMERGING-WORLD CITIES:** Ease unemployment, reduce crime, fix sanitation and trash problems
- **DEVELOPED-WORLD CITIES:** Improve transportation, reduce road congestion, lower costs of services
- **EXPECTATIONS:** Jobs, innovation, new market opportunities
- **ACCESS TO DATA IS VITAL:** Needed by businesses; consumers open to sharing data to obtain services.

("Accelerating Urban Intelligence - People, business and the cities of tomorrow," The Economist Intelligence Unit, 2019)

**"At the end of the day, most so-called smart cities are just cities with a few or several stand-out smart projects."**  
(Scientific American)



## NUTANIX XI IOT

### A.I./MACHINE LEARNING PROCESSING AT THE EDGE OF THE SMART CITY

- Smarter unified digital payment journeys that are efficient & easier for citizens
- Smarter real-time environmental monitoring and recommendations
- Smarter adaptive traffic management for faster, better insights & safety
- Smarter security systems to protect city infrastructure and citizens
- Smarter meters and energy grids for more efficient use of electricity

### XI IOT DELIVERS AI-DRIVEN, INTELLIGENT PROCESSING AT THE EDGE.

- Zero-touch software platform
- Powers real-time business insight
- Simplifies operations at planet scale



To start a free trial, visit <https://www.nutanix.com/products/iot>

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