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)

600 ZB IOT DATA
16.3 ZB CLOUD DATA
2020 DATA VOLUME

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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