# drootoo

Improve and create new services

- Deliver key insights from city data and provide better services
- Provide rapid provisioning of new city services, generate higher revenues and lower TCO

## Increase economic competitiveness

- Utilize multi-cloud networking and computing to enable new businesses and create jobs
- Support region to edge city application deployments

## Increase sustainability and improve quality of life for citizens

- Improve decision making while planning smart city projects
- Have better governance and reduce tax payer burden

Supported Cloud Service Providers:

Amazon Web Service

Microsoft Azure

Google Cloud Platform

Alibaba Cloud

Distributed Cloud Computing network of over 250+ on-demand datacenters for smart city projects

# Solution Brief Smart Cities

Cities must deliver greater value to improve public safety, transportation, energy efficiency, economic development and operating expenses. Delivering new services, increasing competitiveness with other cities and, complying with changing regulations while increasing sustainability provide real challenges.

DROOTOO enables cities to improve agility with a one-stop option to create new services, enable more informed communities, improve decision-making and planning. Provision and optimize city IT resources on-demand from major cloud providers. Enable cloud computing to provide new ways to connect with citizens and businesses, ensure greater transparency and improve operations.

Simplify your smart city cloud environment and scale cloud operations like never before. Enable distributed and multi-geo computing to achieve higher data governance for emerging use cases such as AI, edge computing, cloud migration, digital transformation. Re-use common city services across other cities.



### Use Cases

- Traffic and transit management (smart parking, fleet management)
- Video surveillance
- Service automation
- Community collaboration
- Data compliance
- Public safety and city response

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### Smart City Deployment Platform Reference Architecture

CPI-N

04



PRODUCTIVITY City product per capita

Old Age Dependency Ratio Unemployment Rate

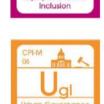


**QUALITY OF LIFE** Life Expectancy at Birth Under-Five Mortality Rate Literacy Rate Mean Years of Schooling Homicide Rate Green Area per capita



#### ENVIRONMENTAL SUST. PM2.5 Concentration CO<sub>2</sub> Emissions

CO2 Emissions Solid Waste Collection Waste Water treatment Share of Renewable Energy Consumption



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**C**si

Equity and Social

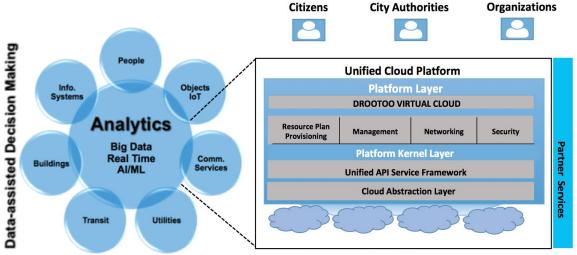
1.794

#### **GOVERNANCE & LEGISLATION**

Voter Turnout Own Revenue Collection Days to Start a Business



Drootoo's KPI driven platform architecture helps in faster and efficient implementation of Smart City projects. It helps in lowering project cost, faster deployment time and efficient management of data & infrastructure.



#### **CLOUD SERVICE PROVIDERS**

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INFRASTRUCTURE & DEVELOPMENT

Improved Shelter Improved Water Physician Density Internet Access Use of Public Transport Traffic Fatalities Length of Mass Transport Intersection Density Street Density Land Allocated to Streets

#### **EQUITY & SOCIAL INCLUSION**

Gini Coefficient Poverty Rate Slum Households Youth Unemployment Equitable Secondary School Enrollment