

A woman wearing a space helmet is shown in a close-up, looking forward. The image has a strong red color cast. The helmet's visor is slightly reflective, and the woman's expression is neutral. The background is dark, making the helmet and her face stand out.

L'EVOLUZIONE  
È VISIBILE AGLI OCCHI

after\*

FUTURI DIGITALI bologna

# BIG DATA ANALYTICS PER LA PUBBLICA AMMINISTRAZIONE

REALIZING YOUR ULTIMATE VISION OF A SMART CITY

Edmondo De Salvo

Digital Consultant

*HPE Pointnext WW Center of Expertise for  
AI, Data and Emerging Technologies*

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# Imagine your fantastic city, 20..

Sustainable

Inclusive

Integrated &  
Connected

Acting in context

Physical & Virtual  
together

Learning from real  
situations

Data & Analytics driven



Hewlett Packard  
Enterprise



# Smart city makes accessing government services a delight, inspiring 90% public happiness in 2016

A top-down network of smart sensors integrated with analytics and real-time dashboards establishes the platform for Dubai's government to provide citizens, businesses, and visitors with a seamless experience across dozens of city services, making everything from finding parking to accessing healthcare easier, faster, and more satisfying.





# UAE – A LONG TERM STRATEGY FOR AI

**Dec 11, 2017 - The UAE became the first nation on Earth to create a government position for the development of AI**



**HIS EXCELLENCY OMAR BIN SULTAN AL OLAMA**  
Minister of State for Artificial Intelligence  
His Excellency Omar bin Sultan Al Olama was appointed as Minister of State for Artificial Intelligence in the Cabinet reshuffle of October 2017. His role is to enhance the government performance by...





تجیة الإمارات  
اء الاصطناعي

**9 Strategic Themes**

Education	Healthcare	Technology
Transportation	Environment	Space
Energy	Water	Traffic

**More than 50 large initiatives for AI in the period 2017-2117**



**Strategic partnership to provide an impetus for IT infrastructure and operational support for citywide transformation**  
Dubai, UAE, Oct. 17, 2016 – Hewlett Packard Enterprise announced a five-year collaboration agreement with telecommunications service provider, du, to support its initiative. Dubai's citywide transformation into a smart city. This initiative supports the integration of system integrators. This initiative supports the integration of Mohammed bin Rashid Al Maktoum, to make the city a smart city and accelerate the development and improve quality of life, drive economic growth and create jobs.

**HPE improves Dubai public safety through artificial intelligence solutions for Dubai police**  
OCTOBER 30, 2016 • NEWS ADVISORY

# HEWLETT PACKARD ENTERPRISE AND DU ANNOUNCE COLLABORATION IN SUPPORT OF DUBAI SMART CITY INITIATIVE



# THE HAPPIEST CITY ON EARTH

The ambition

Dubai is the most populous city in the United Arab Emirates (UAE), with nearly 4 million residents living within 1,600 square miles.

4M

residents

1,000

e-services

1st

on the Mercer Quality of Living Survey for Middle East and Africa

**“Our aim is not to have the most data, but to unleash the greatest value from data, creating new opportunities and improved experiences for all.”**

His Highness Sheikh Mohammed bin Rashid Al Maktoum, Vice President and Prime Minister of the UAE and Ruler of Dubai



# CITIZENS EXPECT A UNIFIED CITY EXPERIENCE

INDUSTRY  
CHALLENGE



Dozens of government organizations must be unified to provide citizens with a consistent and satisfying city experience.

**“We are trying to create more efficient city government that provides a seamless experience for our citizens. To be truly impactful, our Smart Dubai initiative must be all-inclusive and span all the different dimensions of the city.”**

Wesam Lootah, CEO of Smart Dubai Government, City of Dubai



# UNLOCKING DATA TO BENEFIT

**ALL**

Legacy infrastructure was siloed across multiple departments and was simply not designed to support the kind of big data analytics needed for Smart Dubai.

**“Technology by itself does not create happiness—it is a means to an end. When technology is applied in innovative and creative ways, it can be used to build solutions that connect people, improve efficiency, build wealth, and create jobs. These are the things that will lead to greater happiness of our citizens.”**

Wesam Ebbiah, CEO of Smart Dubai Government, City of Dubai



# SMART SERVICES MAKE FOR HAPPY CITIZENS

RESU  
LTS

Dubai is leveraging data to create delightful experiences for its businesses, residents, and visitors.

**“Our advice for other cities looking to the future is to put the citizens at the center of their transformation and embrace private-public partnership. By collaborating with our partners from the beginning, we could make sure that everybody was aligned around our shared vision and that we were executing the initiative together.”**

Wesam Lootah, CEO of Smart Dubai Government, City of Dubai

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## Smart Dubai inspires a whole region

From hosting Expo 2020 to equipping police with Google Glass technology, today's future city investments are leading to tomorrow's safe and happy citizens.

Under the Dubai Plan 2021, the future city strategy includes over 100 initiatives and a plan to transform 1,000 government services into smart services, mostly based on data. Dubai, together with neighboring city Abu Dhabi, is also deploying over 5,000 WiFi hotspots to offer free internet for the public.

With the city in preparations to host **Expo 2020** through 2021, Dubai is also investing heavily on **smart transportation** systems by deploying traffic sensors, launching mobile traffic apps, and also looking at introducing driverless vehicles in the city's ecosystem.

**The Dubai Plan 2021 covers all other areas of a future city, including healthcare, commerce, education, safety, telecommunications, tourism, and utilities, where 250,000 smart meters are set to be deployed by 2018.**

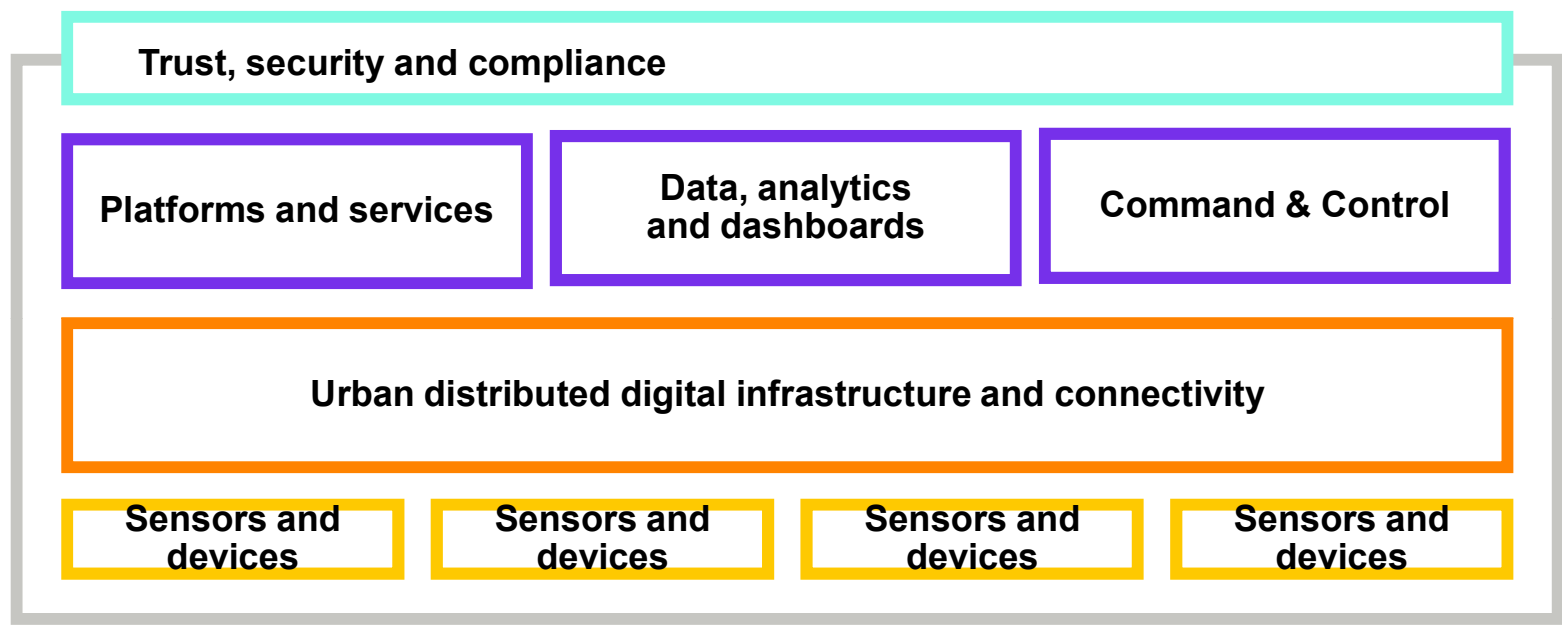
In the area of public safety, one of the city's plans is to introduce Google Glass technology to the police to create the world's smartest police stations, also by 2018.

Inspired by initiatives such as Smart Dubai, other major city authorities in the region are expected to accelerate their plans to develop technologically advanced, economically sustainable, and citizen-centric cities. Through partnership and collaboration, these city authorities will leverage the vast array of expertise and technologies available in the region to engage with citizens and create a more positive and productive city life for everyone.

**“Today if somebody moves into a new city, or opens up a business, they don't think about generating their own electricity. They think of it as a utility to just plug their equipment into and consume. This is what we are doing for big data with the Smart Dubai Platform.”**

Wesam Lootah, CEO of Smart Dubai Government, City of Dubai

**\$8B**   **1,000**  
**250K**





## Organizzatori

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