

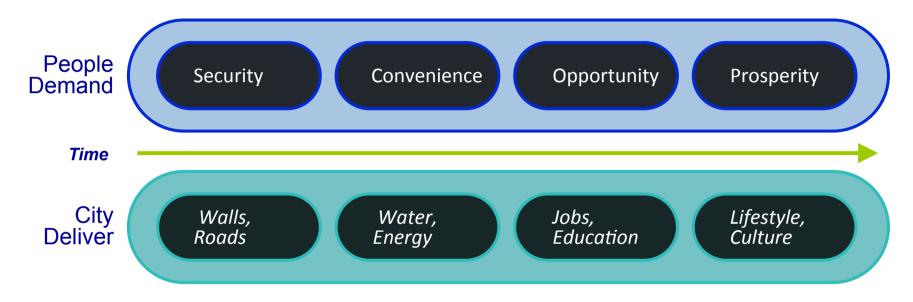
From ITS to Smart City



華人寬頻世界的首席建構家

Нша People are placing increasing demands on city to innovate as Technology developed

Evolution of City Value



"The 19^{th} century was a century of empires... the 20^{th} century was a century of nation states... the 21^{st} century will be a century of cities"

Mayor Wellington Webb, Former Mayor, Denver, CO

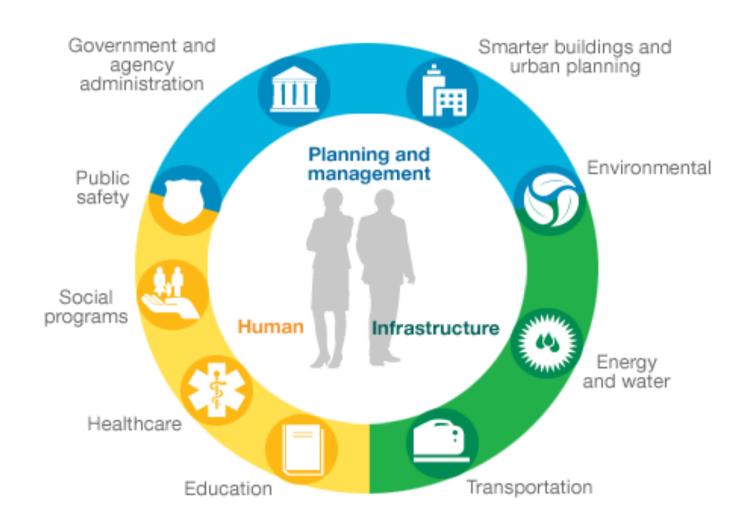


What is Smart City?

- Smart cities can be identified (and ranked) along six main dimensions
 - smart economy;
 - smart mobility;
 - smart environment;
 - smart people;
 - smart living;
 - smart governance.
- A city can be defined as 'smart' when
 - investments in human and social capital and traditional (transport)
 - modern (ICT) communication infrastructure fuel sustainable economic development
 - high quality of life,
 - wise management of natural resources



IBM's view of Smart City



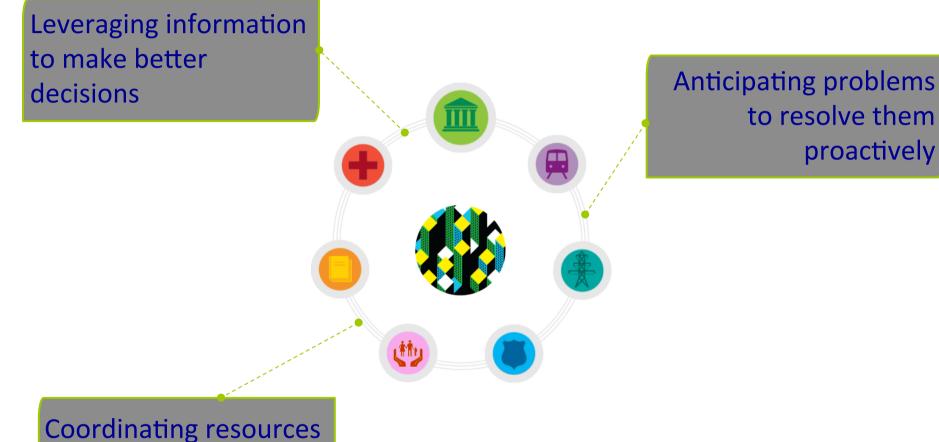


Smart cities integrate key services to minimize risks





Smart cities are cities that drive sustainable economic growth by...

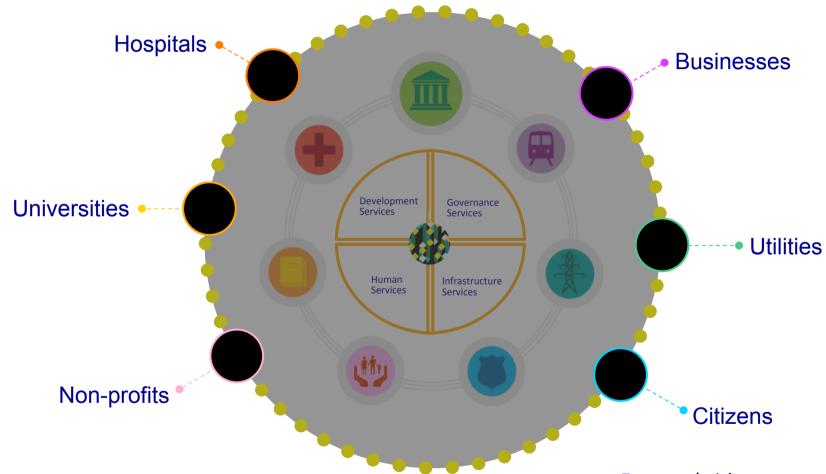


...increasing the value cities generate for their citizens in a rapidly changing economic and urban world

to operate effectively

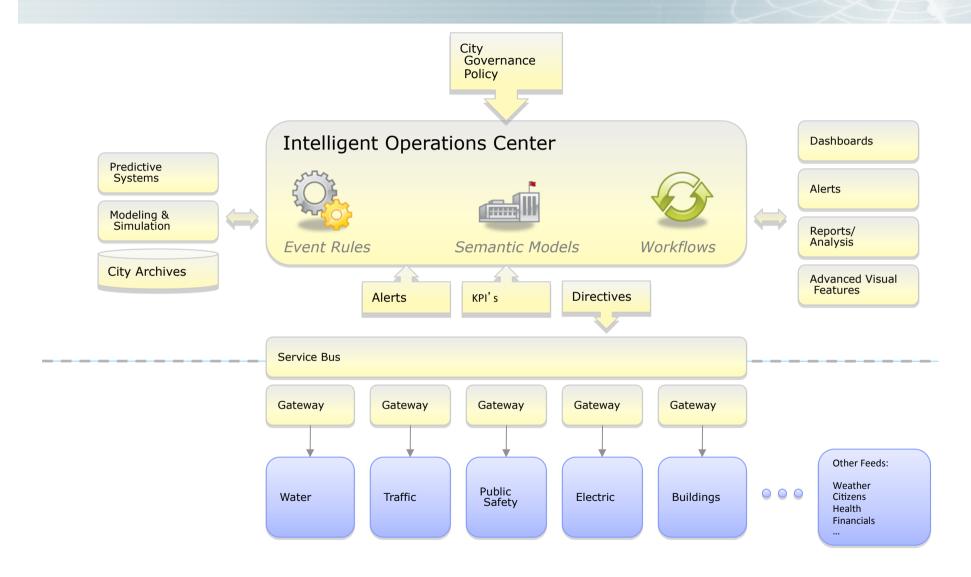


Smart cities communicate and integrate beyond city hall



Engaged citizens, empowered universities and enabled businesses help drive overall economic growth

Нша m The Intelligent Operations Center is needed...



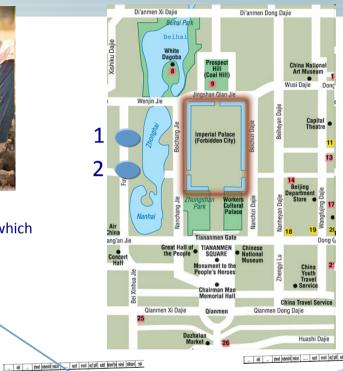


Common Alert Protocol – Example of how it works





Fire Hydrant is struck by a car Maintenance crew fill out a order which Will take 4 days





Fire breaks out on same block



Fire is reported

Bring water Truck



Extra Long Hose





Alerts are sent to IOC along side the current city systems IOC see same time / same place correlation and updates fire house

Fire Truck gets better information On equipment choice



Summary

- Get Smart and Intelligence
- Get Plan and management
- Get Ready and operation



Additional Information

Smarter Cities: Foundation Solutions

http://w3.itso.ibm.com/abstracts/redp4694.html?Open

Smarter Cities: Traffic Solutions

http://w3.itso.ibm.com/abstracts/redp4695.html?Open

Smarter Cities: Building Solutions

http://w3.itso.ibm.com/abstracts/redp4696.html?Open

Smarter Cities: Water Management Solutions

http://w3.itso.ibm.com/abstracts/redp4697.html?Open

Smarter Cities: Energy Solutions

http://w3.itso.ibm.com/abstracts/redp4698.html?Open

Smarter Cities: Public Safety Solutions

http://w3.itso.ibm.com/abstracts/redp4699.html?Open

Smarter Cities: City Operations center Offerings

http://w3.itso.ibm.com/abstracts/redp4706.html?Open