



Smart Cities USA

Smart City Sense Demo

June 11, 2014

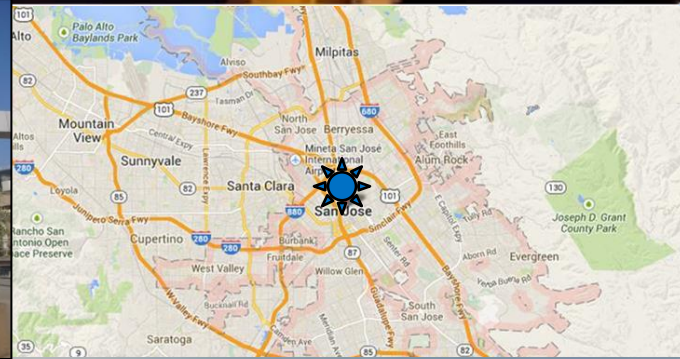
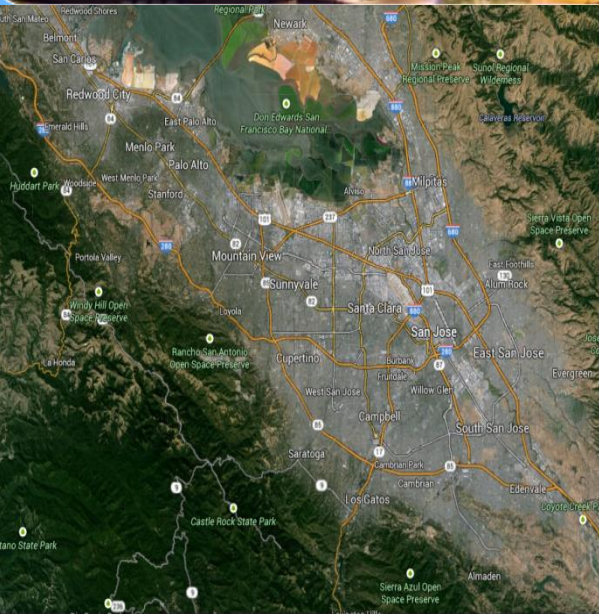


SMART
AMERICA

WELCOME TO SAN JOSE!

Capital of Silicon Valley

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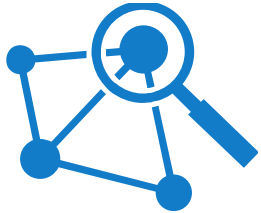


Smart Cities USA: The City of San José, CA & Intel Corporation



COLLABORATIVE PARTNERSHIP

This collaborative partnership, titled Smart Cities USA, is exploring the potential for a multi-phased project to help build out the City of San José's vision for a smart, sustainable City that will support 40% growth by 2040.



SUSTAINABILITY LENS' FOR THE CITY

The vision is to expand this sensor network to include Sound and Micro Climate Sensors which can create a “sustainability lens” for the City



Intel & San José Partnering for the Future

Goal: Scalable IoT Smart City Technology

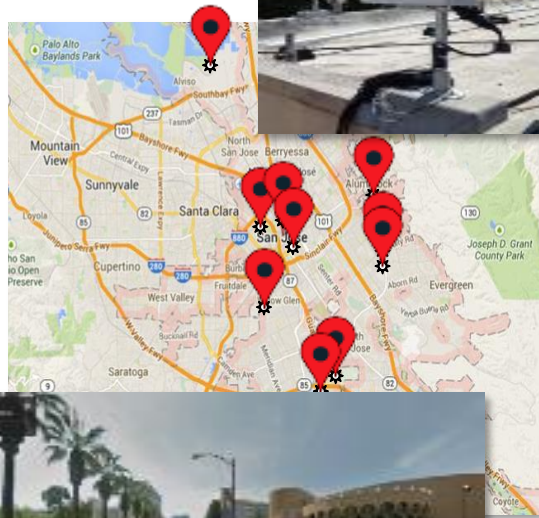
- Scales as the city grows and new use cases emerge
- Cost effective – Lower cost, more efficient installation

Smart City Pilot:

- The first implementation of Intel's Smart City Sense IoT Technology in the US
- Designed to address the challenges facing American cities today: air and water quality, transportation, efficiency, noise, and communications systems

Why partner with Intel:

- Cutting-edge technology
- Innovation Leader in the Internet of Things
- Track record of Government and Industry impact





Smart Cities USA

City of San José, CA + Intel Corporation



Use Case 1: Downtown Events & Air Pollution



Data Stream
Correlations



Improving Traffic Flow
and Parking

Use Case 2: Sustainable Traffic Planning



Smarter Travel Road,
Bike & Trail Planning
and Monitoring



Public Notifications

Use Case 3: Air Quality in Planned Development



Growth for Urban
villages



Local air quality data as
an Urban Planning Tool

City Government Defined Use Cases



Internet of Things at Work



ACQUISITION:
Collect Data



ANALYTICS:
Turn Data into Insights



ACTION: Make Decisions
that Improve Businesses
and Lives of Citizens



APIs / APPS



**Citizens &
Community**



**Health &
Wellbeing**



**Transport
& Logistics**



**Energy
Systems**



**Environmental
Monitoring**



**Water
& Waste**



**Built
Environment**

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**Economy &
Innovation**





Summary



San José is 1st U.S. Engagement for Intel's Smart City Sense IoT Technology
A Model Scalable for Cities Nationwide

San José pilot is generating real-time data and local engagement
to improve sustainability and quality of life in Silicon Valley

Smart Cities USA showcases the value that IoT can provide
to Businesses and Citizens in cities across America

Thank you to San José, Smart America and NIST Teams