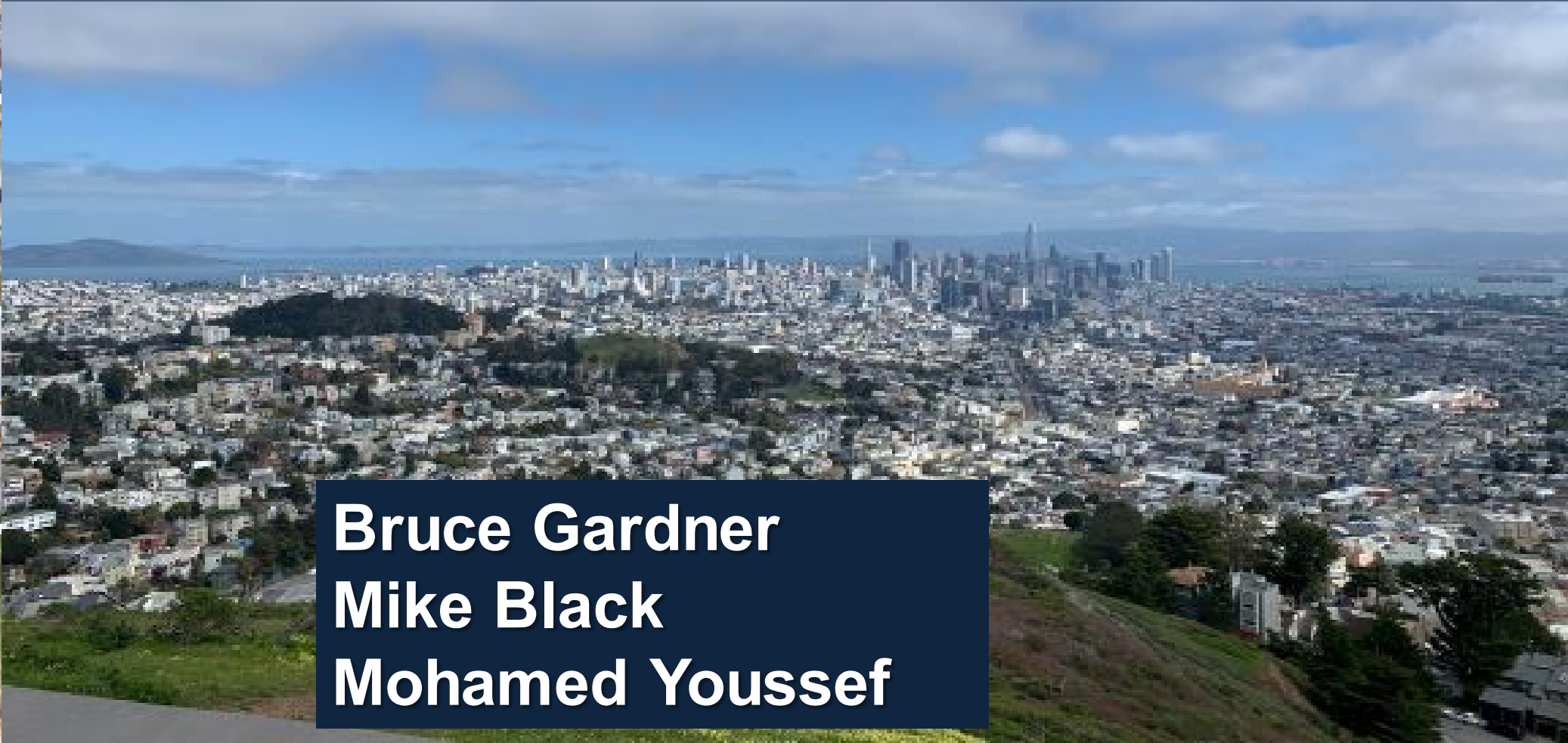


SMART CITIES:

SOLVING URBAN PROBLEMS
USING TECHNOLOGY



**Bruce Gardner
Mike Black
Mohamed Youssef**

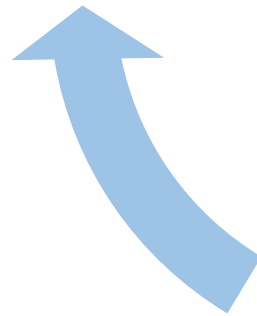
The Three Elements of SMART CITIES:



Public/Private
Involvement

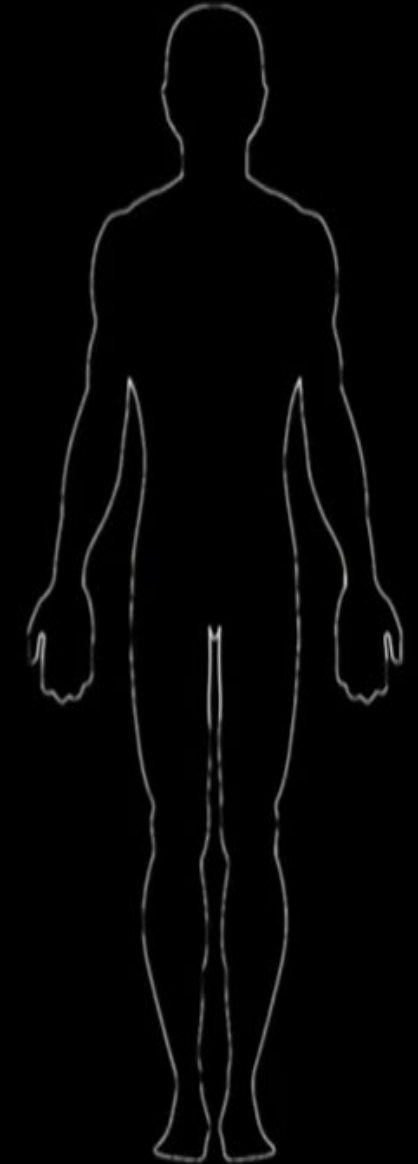
Connectivity

Data





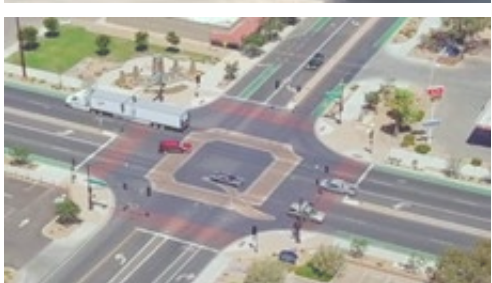
The Smart Town functions like the human body



The Smart Town functions like the human body



The Smart Town functions like the human body



The Smart Town functions like the human body



The Smart Town functions like the human body





SMART CITIES:



- ✓ **Reduced environmental impact**
 - **Environmental Services bulk collection streamline**
 - **LED street light program**

- ✓ **Improved transportation**
 - **Intelligent Transportation System (ITS) software**

- ✓ **More effective, data-driven decision-making**
 - **Use of Sensors (meters/trails/street lights)**

- ✓ **Improved infrastructure**
 - **Fiber management system**
 - **Street light purchase**
 - **5G small cell deployment**

SMART CITIES:



- ✓ **Increased digital access**
 - **Cellular connectivity and capacity**
 - **Accela (for quicker permitting for cellular, broadband, cable, etc)**

- ✓ **New economic development opportunities**
 - **Smart Region Initiatives (The Connective)**

- ✓ **Efficient public utilities**
 - **Smart Irrigation Controllers in Parks**
 - **Smart Meters**

- ✓ **Increased workforce engagement**
 - **Automated Vehicle Location (AVL)**
 - **Webex meeting software**
 - **Online training programs**

SMART CITIES:



- ✓ **Enhanced citizen and government engagement**
 - **ClearGov (transparency for Capital Improvement Projects (CIP))**
 - **SeeClickFix**
 - **Accela and ePlan Review**
 - **Queen Creek Map Central (GIS)**
 - **Selectron and SelecTXT for Inspection**

- ✓ **Safer communities**
 - **FirstNet**
 - **Emergency Operations (TMC)**
 - **ePCR (Fire)**



Questions?