

Intelligent Cities: Why **Location** should be at the **forefront**

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**29 years in the GIS
business**

**Sole Authorized *Philippine*
Distributor of ArcGIS**



**User groups
nationwide across
various sectors**

**Data Services
Training and Technical Support
Implementation Services**

GIS is a Foundational System for Intelligent Cities



What are the common travel patterns of city residents?



Are there areas of the city that need better public safety measures?



What facilities do I need to provide for the city?



Where should I target budgets for asset maintenance?



How can I get greater awareness of public health issues?



How can I understand where congestion is a problem?



Do public transit services have enough capacity to serve the city well?



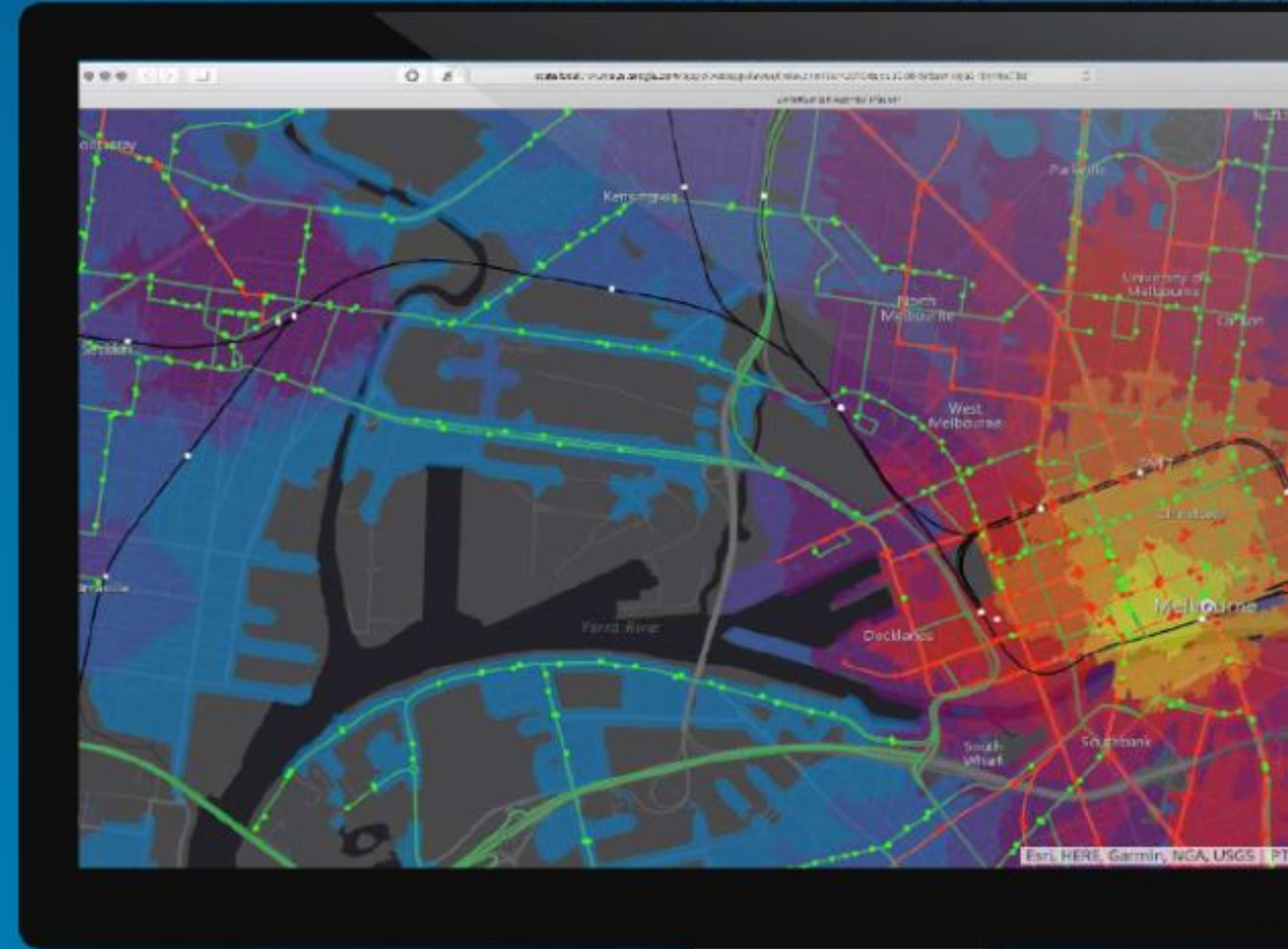
What can I do to make the city run more efficiently?



What industries are driving the city economy and how?



How can I more effectively engage with city residents and citizens?



ArcGIS Provides Three Key Systems for Intelligent Cities

System of Record
Data Management
and Integration



System of Engagement
Sharing, Collaboration,
and Dissemination



System of Insight
Analytics, Models, and
Data Exploration



... Leveraging the Power of Location

GIS Across the City: Systems of Record

Government
Administration



Planning



Public Safety



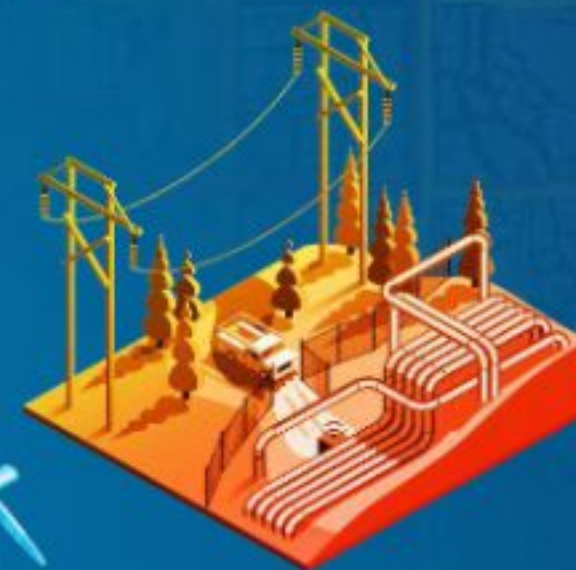
Transport



Telecoms



Utilities and
Public Works



Health and
Education



Land
Records



Water



Connecting City Agencies Through Distributed Collaboration

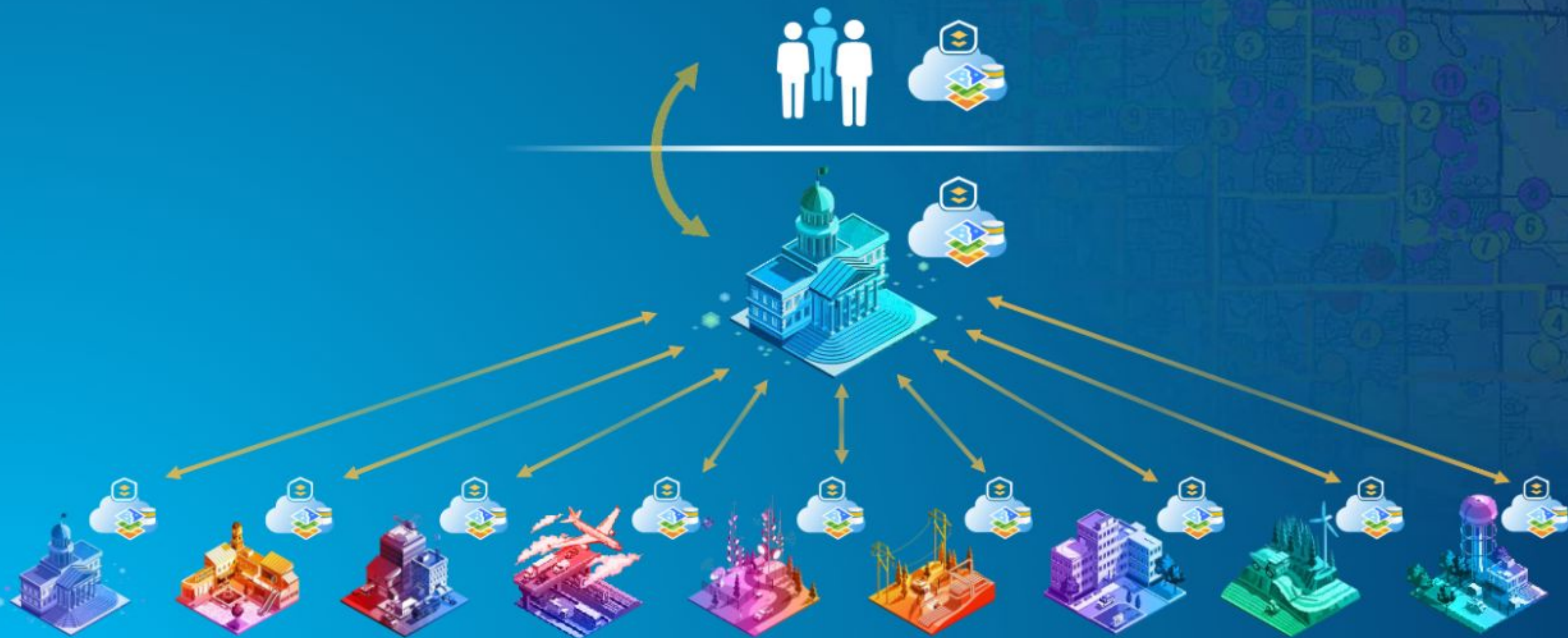


Connecting City Agencies Through Distributed Collaboration

Who is this
Organisation?



Connecting City Agencies Through Distributed Collaboration



Connecting City Agencies Through Distributed Collaboration

Maps, Apps and Content Replication



Replicate



ArcGIS Online



ArcGIS Hub

System of
Systems



Portal



ArcGIS Enterprise



Portal



Portal



Portal



Portal



Portal



Portal



Portal



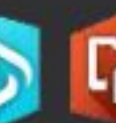
Portal



Portal



ArcGIS Enterprise
(Distributed Servers)



ArcGIS Solutions

ArcGIS Solutions | Industry-Specific Apps, Maps, and Tools . . . Extending Your GIS

Solution Components

Local & Provincial Government



Utilities & Telecom



- Popular (500K Downloads)
- Extensive (450+)
- Open Source
- Fully Supported



Emergency Management & Public Safety



Defense & Security



Tools

Data Models

Apps

Workflows

Maps

Widgets

Add-Ins

Dashboards

Solution Configurations



Preconfigured

Ready to Deploy

- Technology
- Workflows
- Implementation
- Training
- Support

*Rapidly Delivering Value . . .
... Implemented through collaboration with Users*

Solution Products | Directly Supporting Focused Workflows

Ready to Use

Hub
Community Engagement



Indoors
Spaces, People & Assets



Urban
Planning & Development



Intelligent
Solutions

Works With Your Enterprise GIS

Five Core GIS Capabilities for Intelligent Cities

1 PLANNING & DESIGN

Optimise planning through applying geodesign and leveraging BIM-GIS workflows



2 ANALYTICS

Use spatial analytics to gain insight that drives efficiencies and better decision making



3 SYSTEM OF ENGAGEMENT

Provide a system of engagement for government and stakeholders



4 REAL-TIME GIS

Apply spatial context to the Internet of Things through real-time GIS



5 COMMUNITY ENGAGEMENT

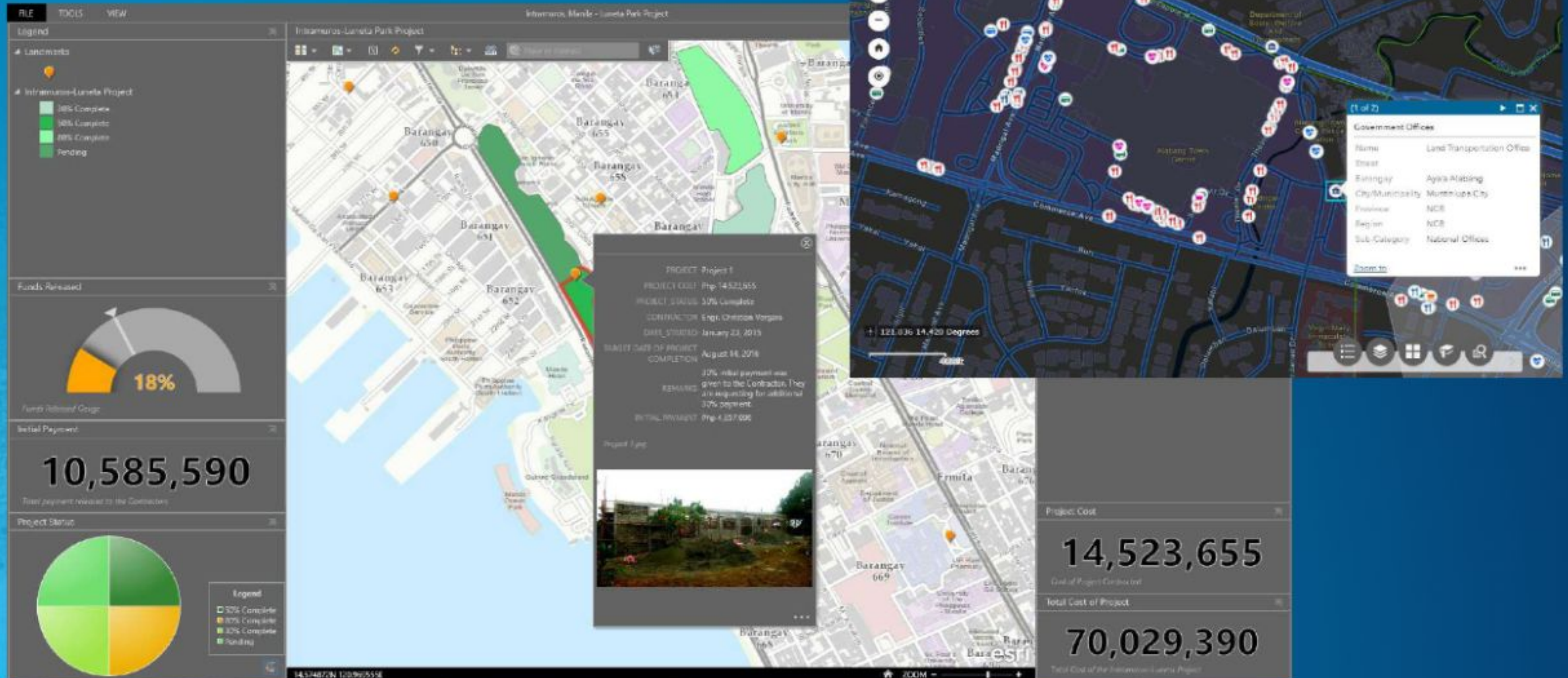
Enable civic participation by establishing a community GIS hub



GIS is Scalable (Initial Operating Capability)

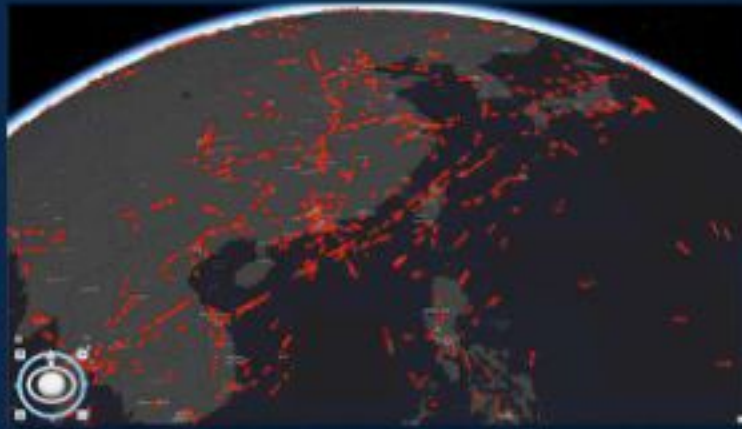


GIS is Scalable (More Integration)



What's Next for Intelligent Cities?

Applying Location Intelligence Across Government...



**REAL-TIME ANALYTICS INTEGRATING
IoT AND SENSOR NETWORKS**



IMMERSIVE REAL-TIME VISUALISATION



**COMMUNITY ENGAGEMENT AND
CIVIC PARTICIPATION**



**ARTIFICIAL
INTELLIGENCE**



BETTER URBAN PLANNING AND DESIGN



AUTONOMOUS MOBILITY

Connect with Us



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