Welcome

Esri SENIOR EXECUTIVE

GIS As Support For Smart Decisions

JACK DANGERMOND PRESIDENT, ESRI

Thank You for Coming

esri Serving our users

... Working Together to Make a Difference

Advancing GIS & The Geographic Approach

Engineering and Science Focused

Growing, Strong and Impactful

Promoting Geographic Thinking

Empowering Over 650K Organizations Worldwide

The Geographic Approach

A Way of Thinking and Problem Solving That Integrates Geographic Science & Information

An Inclusive and Multidisciplinary Process

Science Based

Integrated

Providing a Framework for Understanding and Applying Our Knowledge

Collaborative

Holistic

Understandable

Impacting Every Sector of Our Society

GIS Enables The Geographic Approach

Data Collection

Visualization & Mapping

Analysis & Modeling

Planning & Geodesign

Decision Making

Action

A Process for Creating Understanding & Facilitating Collaboration

GIS and Mapping Provide a Fundamental Language

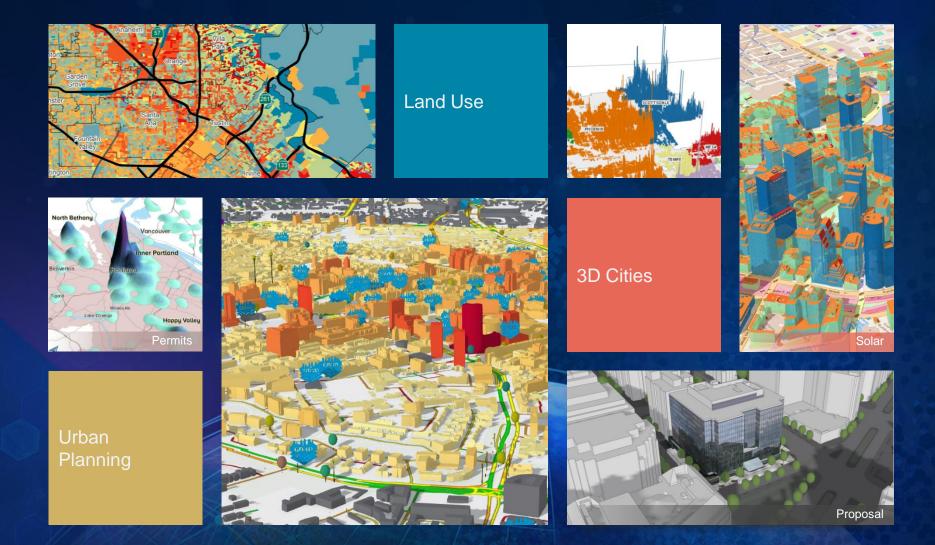
For Organizing & Telling Stories About Our World . . .

Helping Us Understand and Collaborate

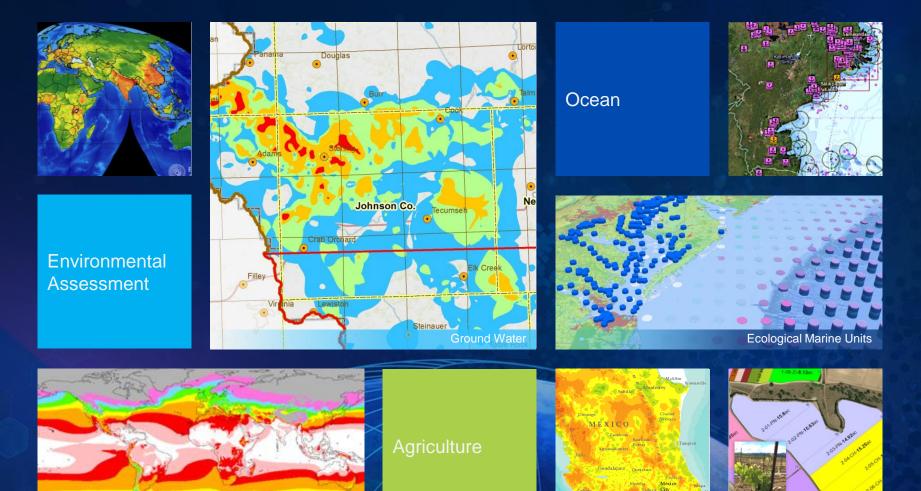
Mapping . . .

What Is

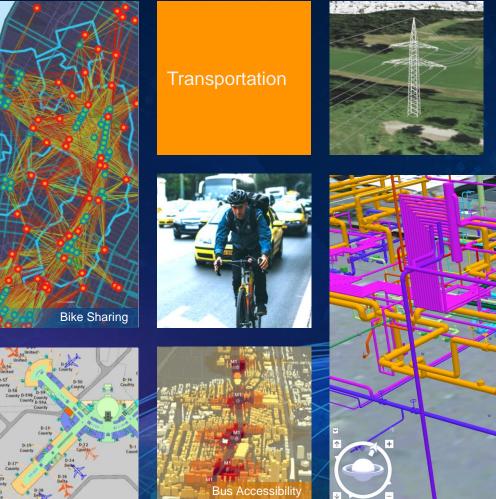
What Could Be















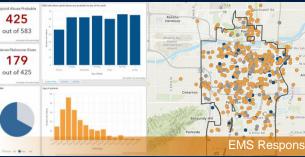




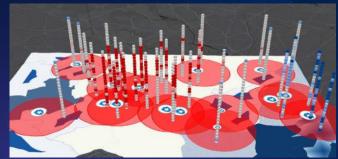


Public Safety

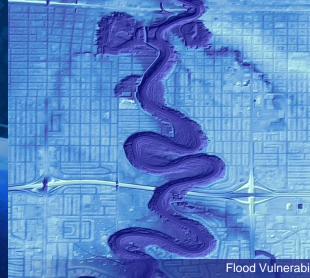


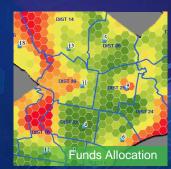




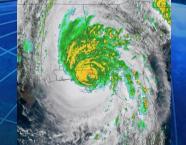


Disaster Response

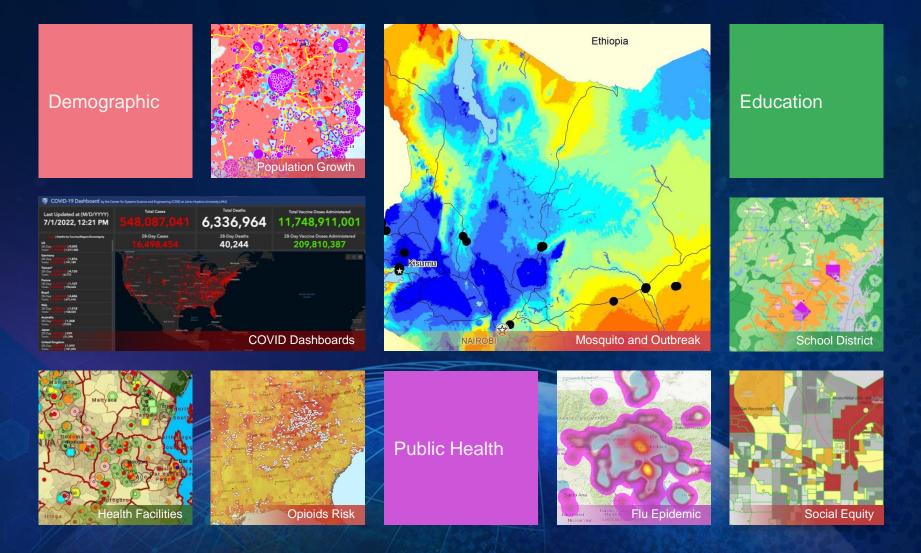








Flood Vulnerability





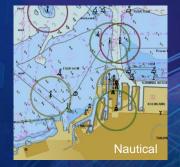
Charting



Mapping



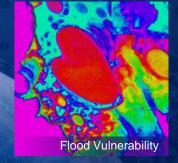








Remote Sensing



What Is a Modern GIS?

A System for Managing, Sharing and Applying Geographic Information



Improving Efficiency, Communications, Decision Making and Collaboration

Integrating All Types of Data

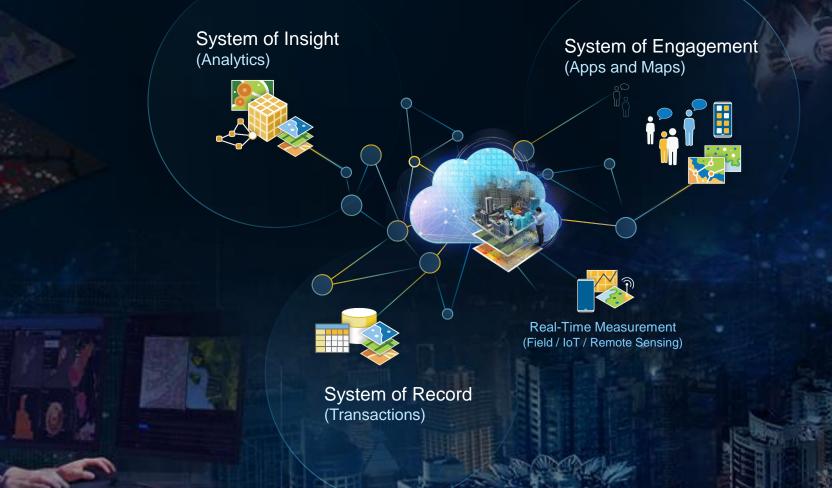
Making Them Available and Immediately Usable



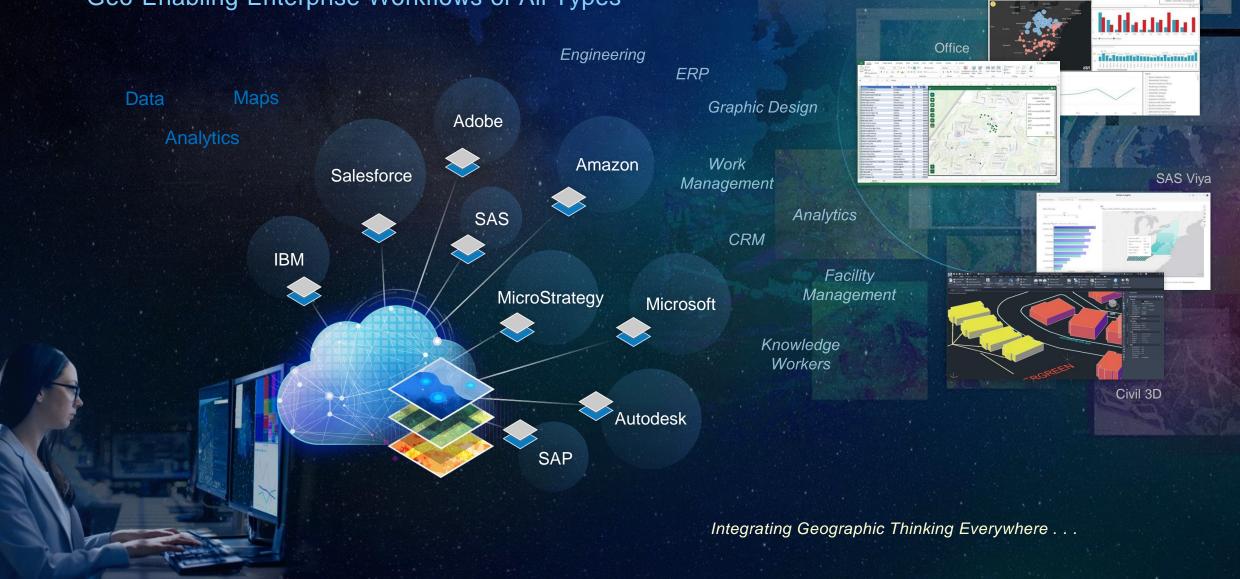
GIS Is an Enterprise System







GIS Is Open and Interoperable Geo-Enabling Enterprise Workflows of All Types



Power BI

GIS Supports Multiple Implementation Patterns

Integrating Cloud and On-Premises Systems

Leveraging Web Services



Projects



Systems

System of Systems

Connecting and Streamlining . . . Collaboration, Workflows and Decision Making

GIS at Scale . . .

Interconnecting Distributed Services

Geospatial Infrastructure

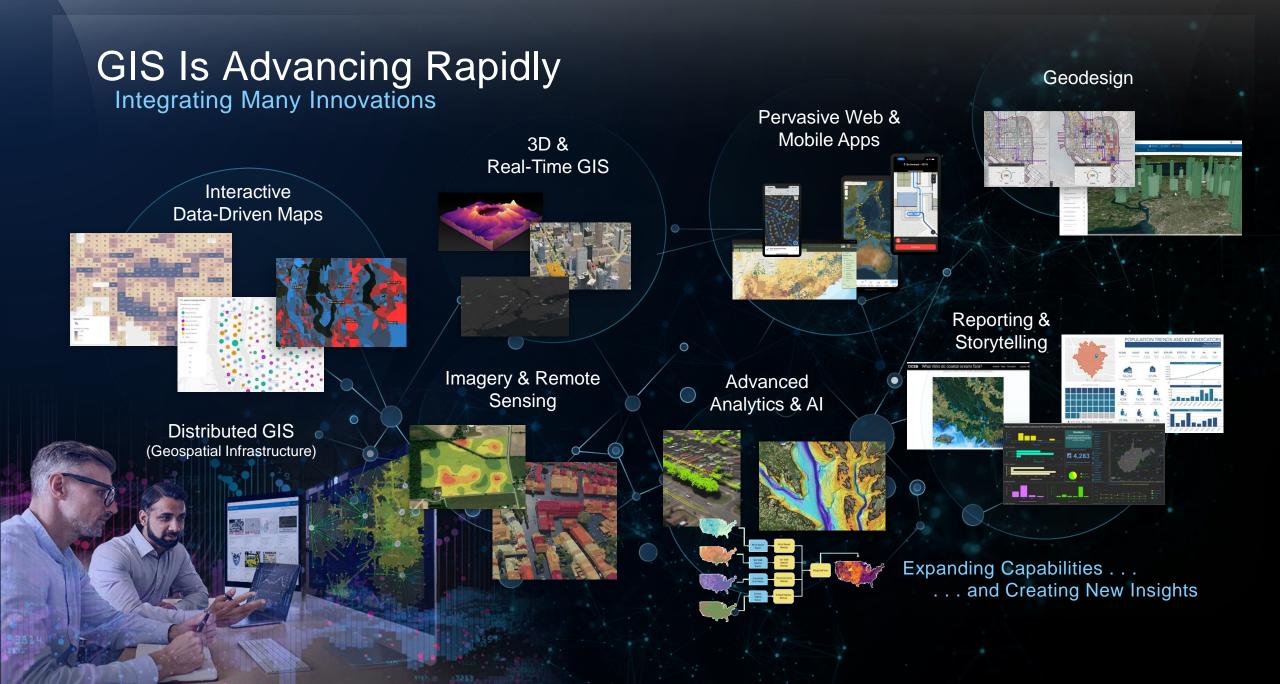
GIS Portals

Organize and Make Available Content, Apps and Capabilities



FEMA Disaster Response

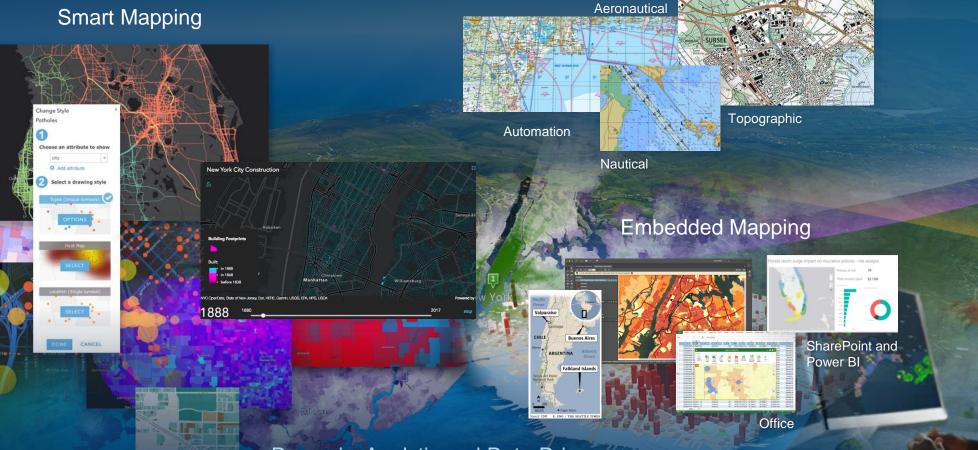
FEMA Geospatial Resource Center



Powerful Mapping

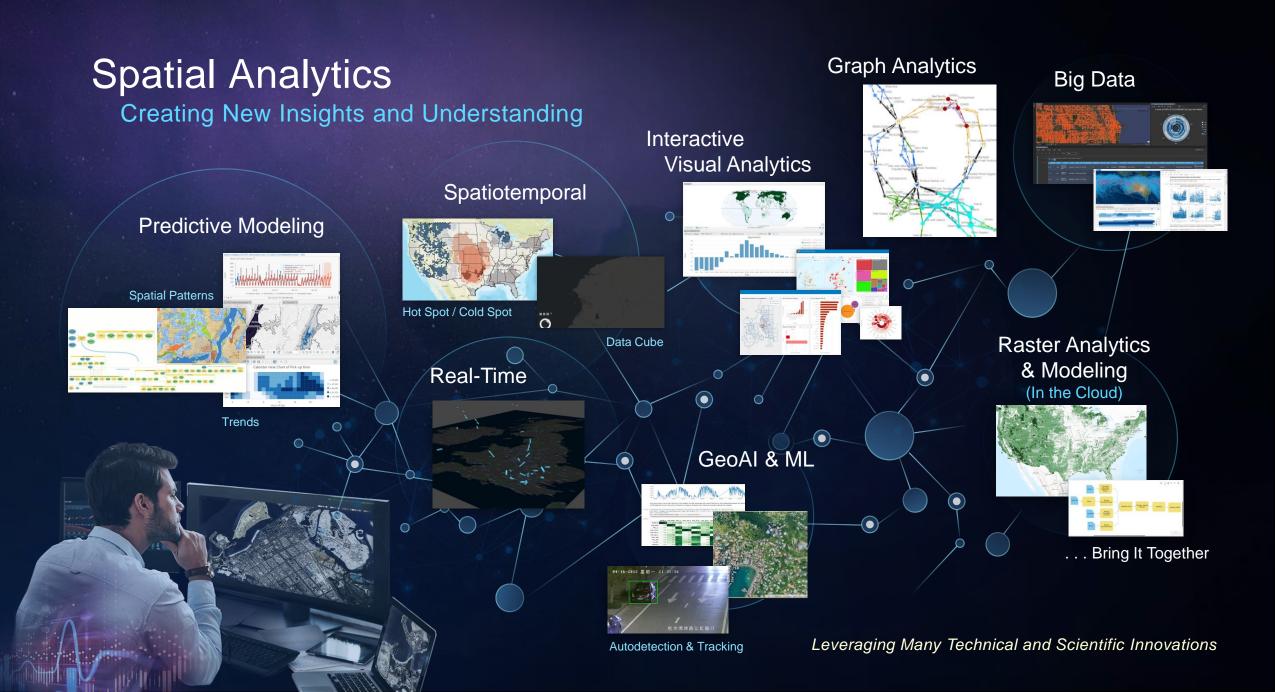
Creating Beautiful & Impactful Maps

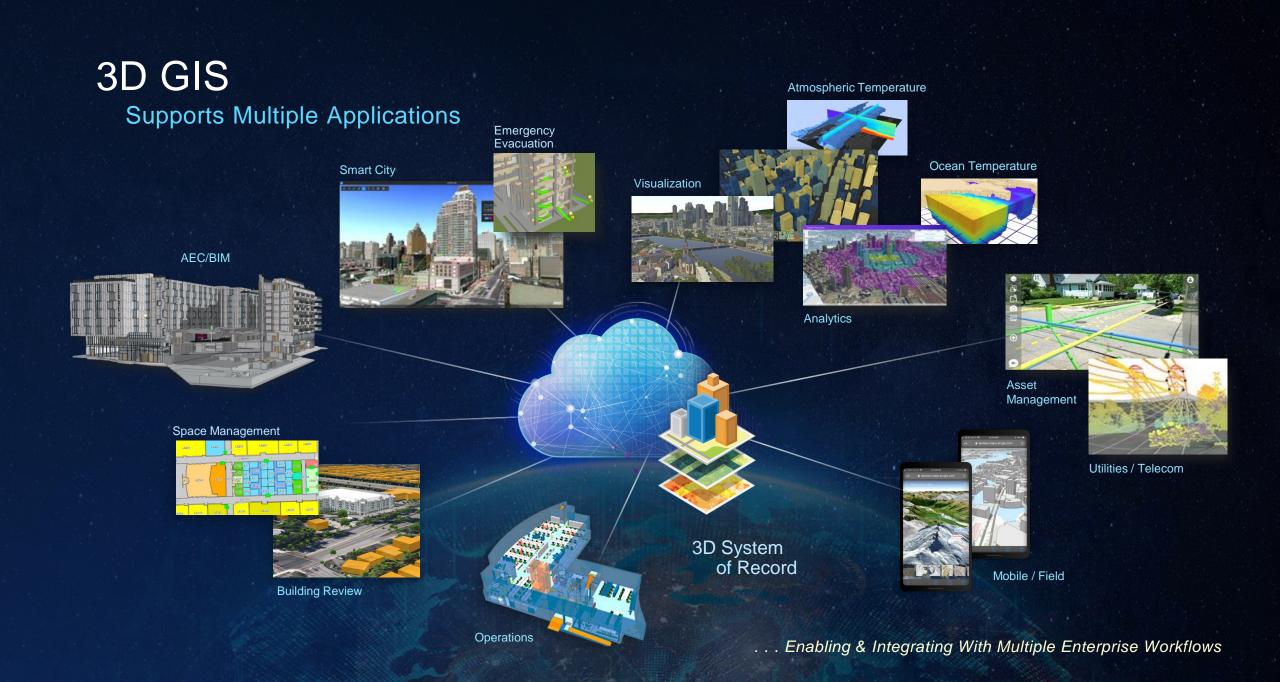
Production Mapping & Charting



Dynamic, Analytic and Data-Driven

Microsoft 365

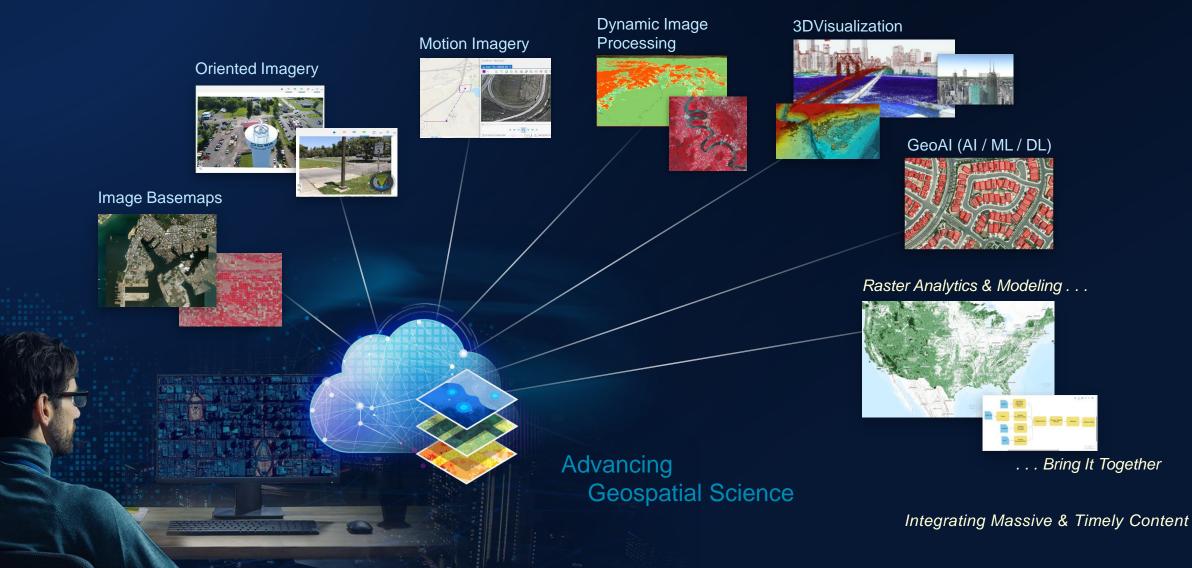




Data Courtesy: City of Boston, Boston Planning and Development Agency, Massachusetts Bay Area Transportation Authority, Massachusetts Department of Transportation, and Bluesky Internation



Integrating Imagery and Remote Sensing Transforming All Aspects of Geospatial Work



Includes Ready-to-Use Content

Petabytes of Basemaps, Imagery, Demographics and Thematic Content . . .

ArcGIS Monthly Unemployment Living Atlas **Biodiversity** Land Cover Habitats Landscape **Basemaps** Transportation **Real-Time** Movement Infrastructure Environment Observations Hydro Traffic Business **Elevation** Boundaries **Demographics** Imagery POI Oceans Hazards Weather Soils **Authoritative Community Content User Shared** Maps & Data



Global & Local Geographic Content . . . About Everything

Geospatial Apps

Supporting Many Types of Workflows and Engagements



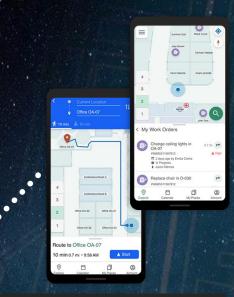
Indoor GIS Supporting All Types of Buildings & Campuses

Facility Operations

Occupant Experience

Space Management







Indoor Positioning

Supporting Mobile Apps & Developers.

> Improves Location Awareness . . . Streamlines Indoor Operations





Enterprise

Software, SaaS and PaaS

GIS is Becoming a Powerful Force

Transforming Work Everywhere...

Coalitions

Organizations

Geospatial Infrastructure

Creating Holistic Solutions

Understanding Complexity

Missions

Improving Communication & Collaboration

Projects

Organizing & Automating Work

Delivering Value Across Organizations . And Beyond

Leveraging Your GIS Investment

Provide Leadership and Vision

Enabling Your Organization to Be Successful

Seeing What's Possible

Learning, Sharing Collaborating

Creating Organization Vision Leveraging GIS Technology for Impact

Driving Towards Outcomes

Helping Deliver Value

. Strategic Leadership Requires Intent

Develop a Strategic Plan

Solidify Your Organizations Vision

Driving Outcomes Quick Wins **Build on Success** Shared . . . and Revisited



🔆 Raleigh

Smar Infrastructure

Data

Our Progress So Far

6%

Digitally-enabled

Initiatives

74

Products



novations: 3D. A

AR/VR, IoT, Big Data

Recognize and Leverage

GIS as an Enterprise Asset

Supporting Cross Cutting Missions

Mapping & Location Enablement

Data Management Analytics & Planning

Field Mobility Operational Awareness

C 1 C 1 C

Constituent Engagement

Integrated GIS Platform

Supporting Mission Critical Workforces

Focus on What Matters











Empower Everyone in Your Organization with Mapping and Geospatial Apps

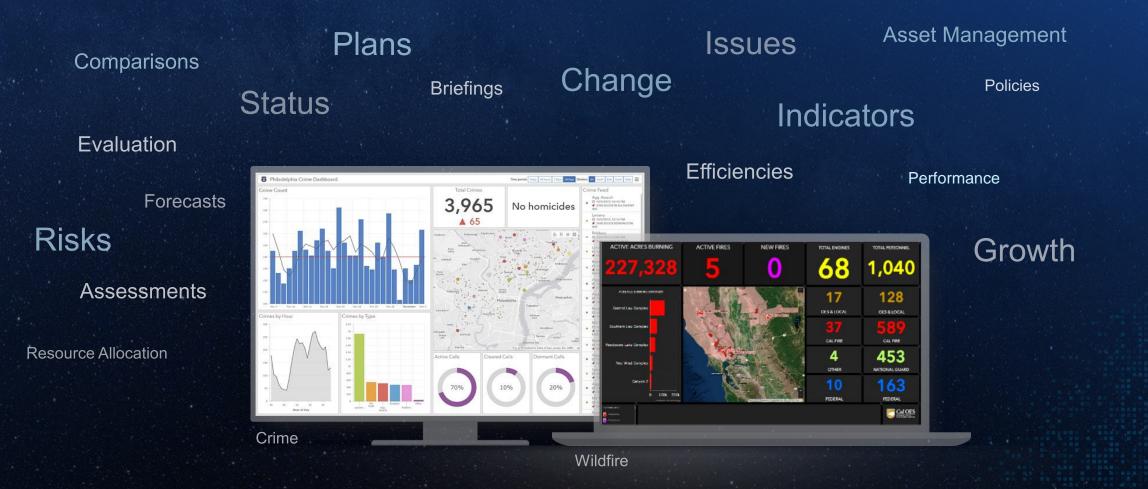
Providing a Common Language



Create and Deploy Useful Information Products

Using Maps & Dashboards To Illustrate Your Business Objectives and Performance

Dynamic Visual Reporting & Analytics



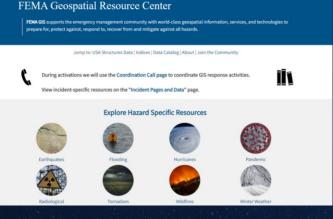
Create a Destination

Organizing and Making Available Ready to Use Maps and Authoritative Knowledge About Your Assets and Resources



Internal & External





Welcome to the City of Reno Geospatial Hub. The Geospatial Hub is the City's public platform for exploring, visualizing, and downloading location-based Open Data. Anyone can use this data to participate in and improve government by conducting research and analysis or by creating applications.

City of Reno Public Maps



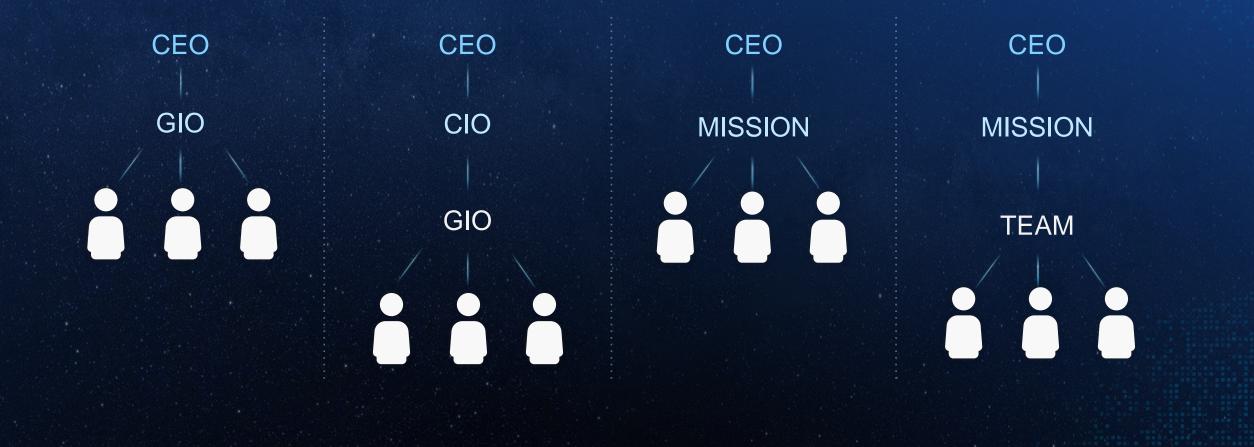
Focus Your GIS Professionals

On Helping Your Organization Apply Geographic Science and Technologies



Organize Effectively

Place Your GIS Resources Appropriately to Match Desired Outcomes



Promote a Culture of Sharing and Collaboration

Enable People to Work Together by Sharing Data, Apps and Knowledge



GIS Requires More Than Technology

- Vision, Leadership and Involvement
- Developing a Strategic Plan
- Assessing Costs and Risks
- Planning and Governance
- Apps That Are Strategic and Engaging
- Good People

Shared boots on the second s

"Executive Sponsorship" Is Important, But Being an Active Participant and Contributor Is Priceless

. . Create a Culture of Service and Innovation

THANK YOU



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