

Session 4 - Focus Issue :

Delivering GeoInformation about **Place**

.....to decision makers globally - where and when needed

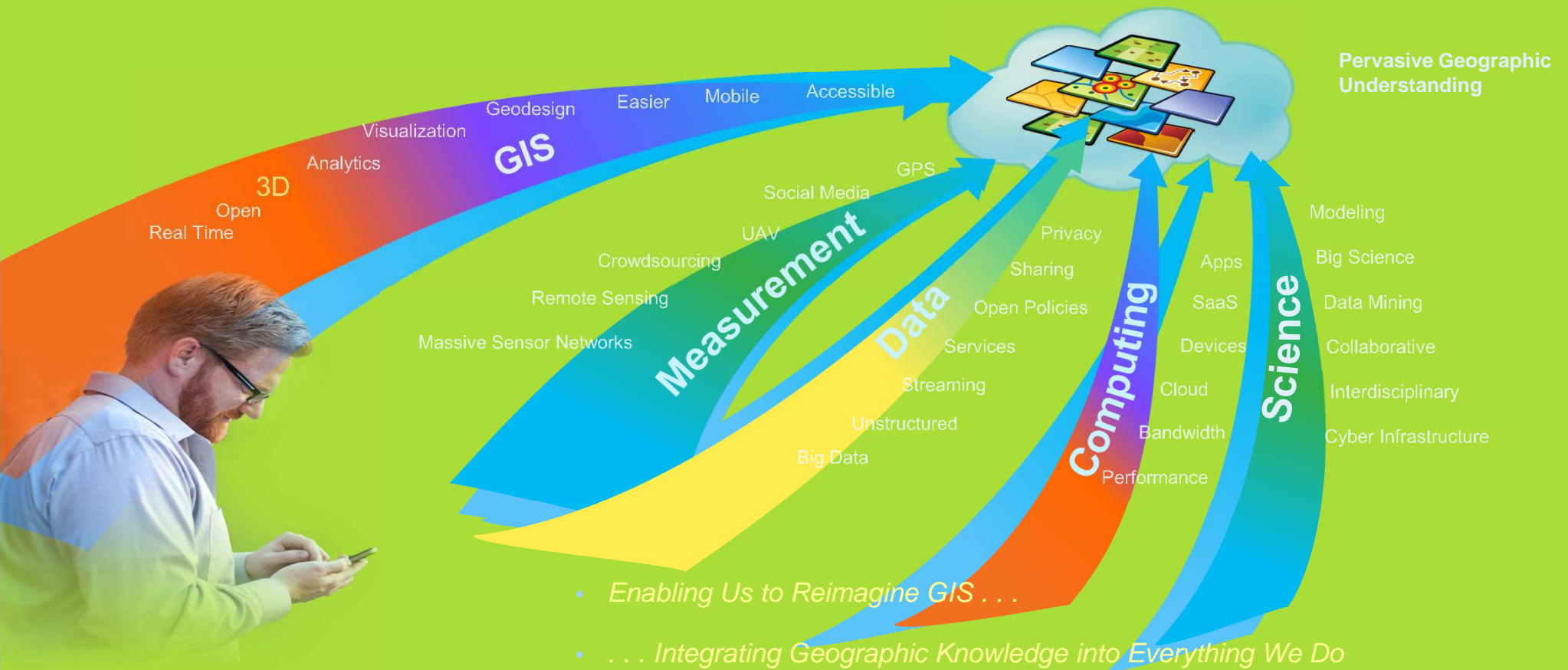
Lawrie Jordan - Esri Director of Imagery
U.N. GGIM Exchange Forum - Doha, Qatar - 3 February, 2013

Our World Is Changing Rapidly



*We Need Integrated Knowledge . . .
. . . and Ways to Create Better Outcomes*

Technology is Also Advancing Rapidly



Geography Provides a Foundation

For :

- *Determining Place*
- *Monitoring Place*
- *Connecting Place*
- *Delivering Place*

GIS Makes It Come Alive

Integrating and Applying Our Knowledge



GIS Is About Integration



**Integrating and
Synthesizing Information from
Many Sources**



**Facilitating
Communication
and Collaboration**



**Breaking Down Barriers Between
Institutions, Disciplines and
Cultures**

GIS is at a Major Turning Point



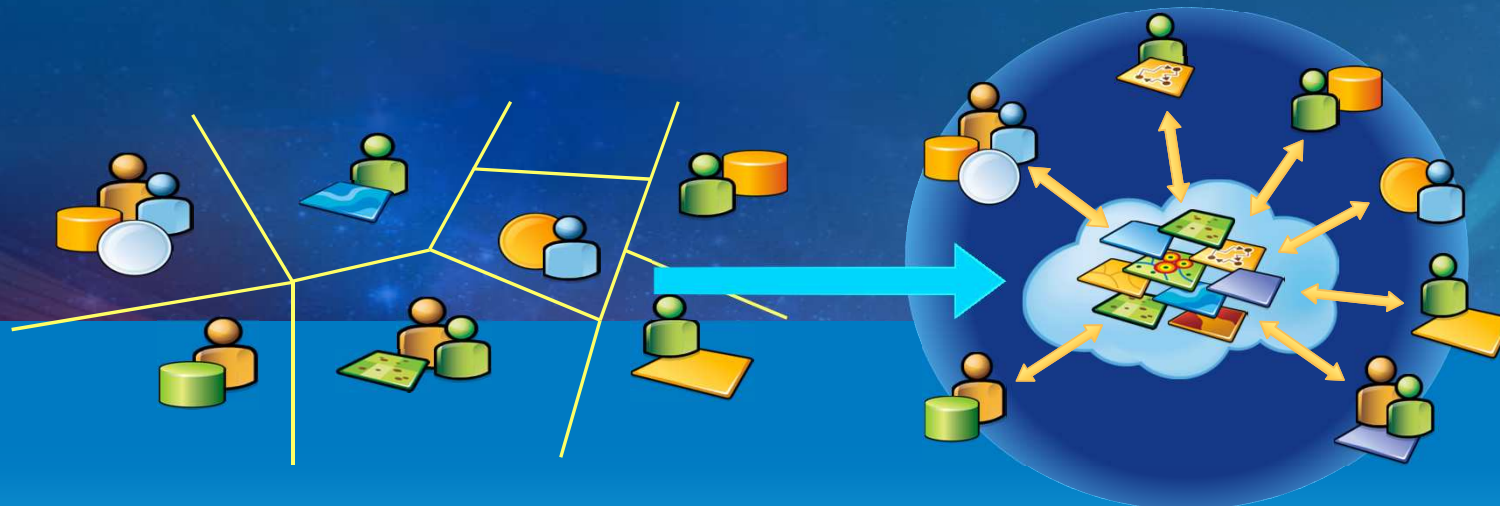
GIS Is Becoming a *Platform* A New Architecture



Becoming a Language for Collaboration

This Pattern Changes Organizations

Breaking Down Barriers Between Workflows, Disciplines and Cultures

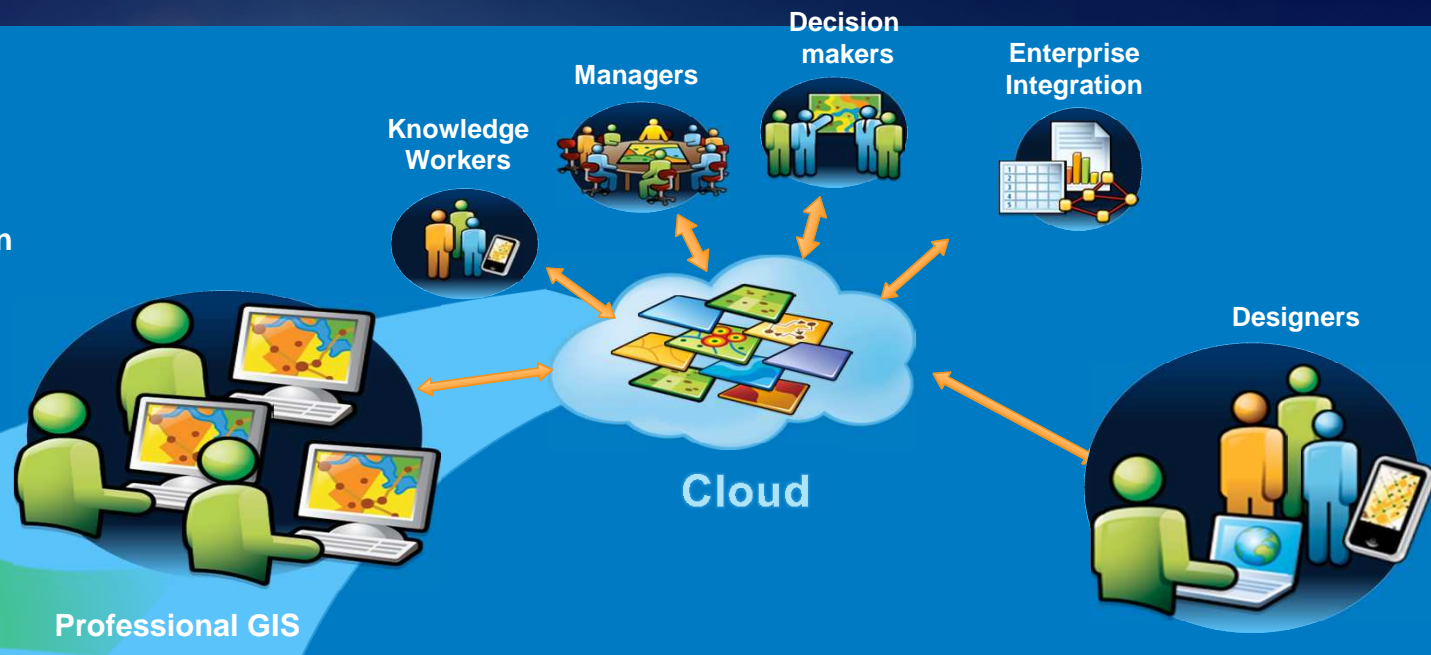


Enabling Collaboration, Sharing and Holistic Approaches

This Platform

Provides GIS Capabilities Across the Entire Organization

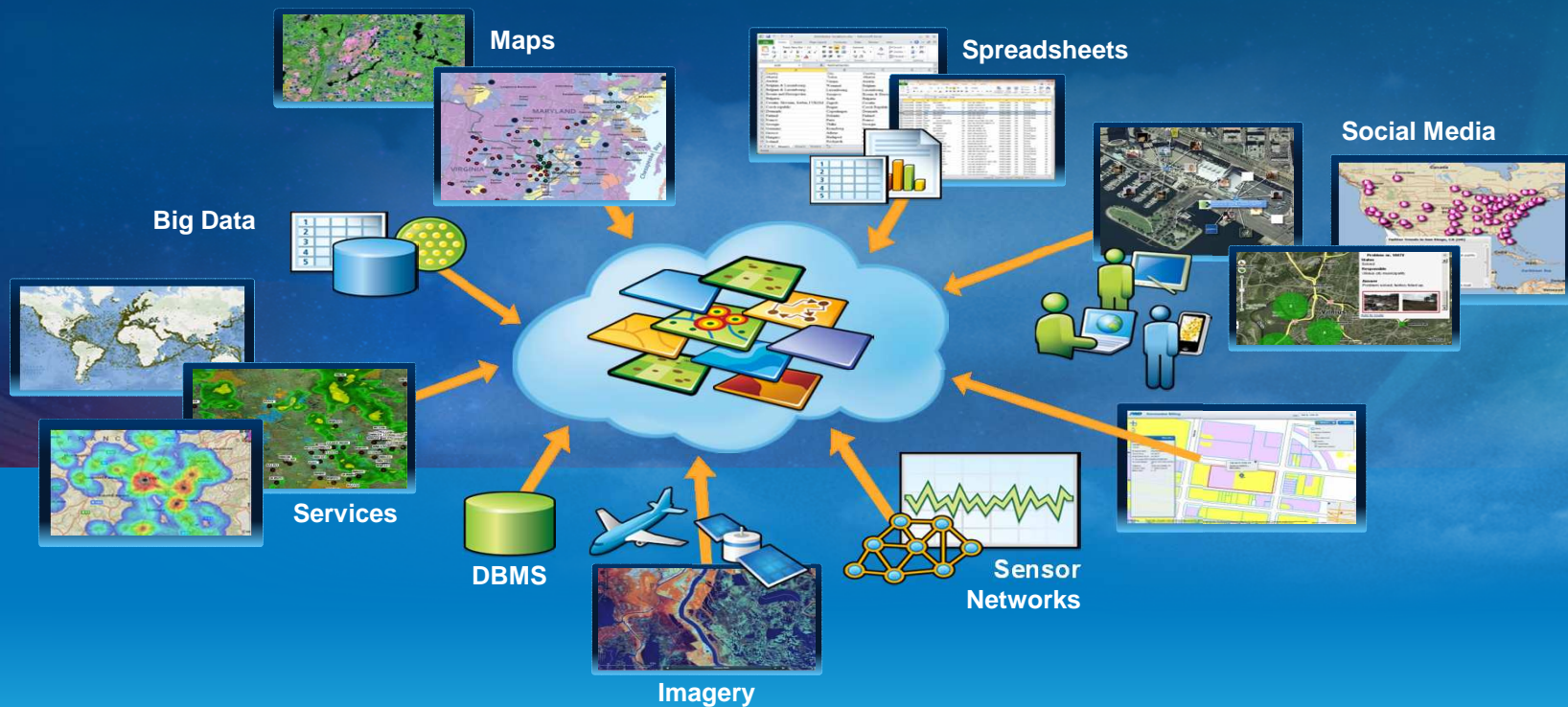
- Content
- Mapping
- Analysis
- Visualization
- Designing



Enabling Everyone to Access and Use GIS . . .

. . . A Framework For Sharing, and Collaboration

Integrating All Types of Information



... Web Maps Make This Information Accessible Widely

Organizations Are Rapidly Adopting This Pattern

Sharing and Leveraging Their Information



... Applying GIS as a Platform

Content in the Platform Is Growing

Providing a Foundation for Your Work



Geocoding
Oceans
Routing
Topographic
Landscape
Streets
Places
Imagery
Terrain
Demographics

Many Community Contributions

Web Maps Are the New Medium

Providing a Window Into Information

Any Device



Supporting Visualization, Query, Editing, and Analysis

Making Dynamic Geographic Information Available Anywhere

Available On Any Device

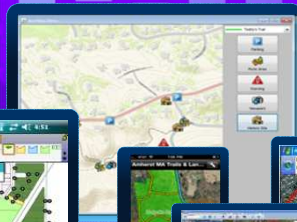
Apps Make The Platform Come Alive



Viewing



Editing



Field Data Collection



One Map

Windows

iOS



... Making GIS Accessible Everywhere

Advancing Analytics

Exploratory Regression

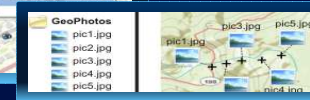


	V_1	V_2	V_3	V_{\dots}
V_1				
V_2				
V_3				
V_{\dots}				

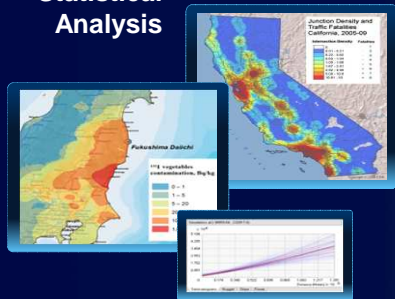
$V_1 = f(V_2) + f(V_3) + f(V_{\dots})$



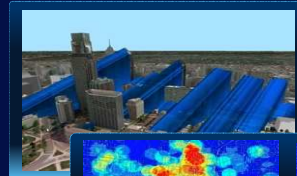
GPS Photos



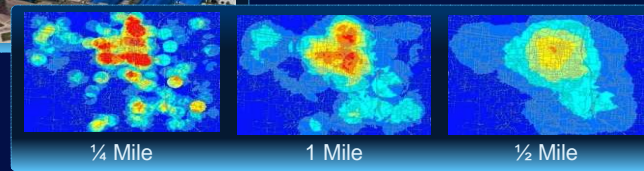
Statistical Analysis



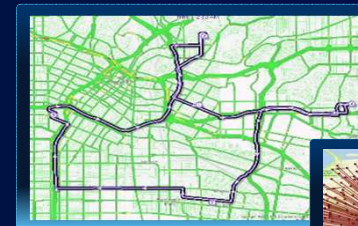
3D Analysis



Cluster Analysis



Time Aware Routing



Fast Allocation



Advancing Geographic Science . . .

Expanding 3D Capabilities

Globes



Buildings



Landscapes



Virtual Cities



Editing & Content Generation



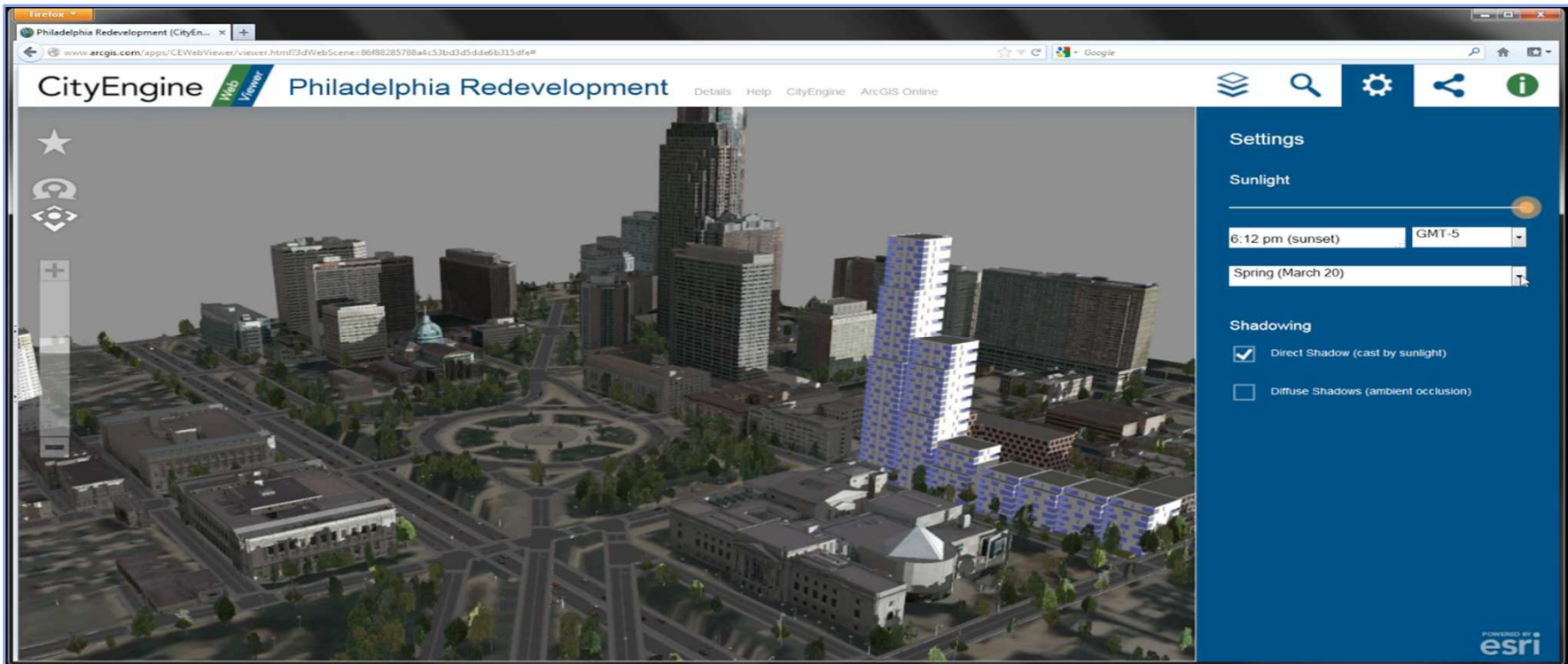
CityEngine



3D Analytics



Improving 3D Visualization and Analytics



“The best way to predict the future is to invent it.”



Thank You

