



Delivering Geographic Information

Update on New Spatial Technology

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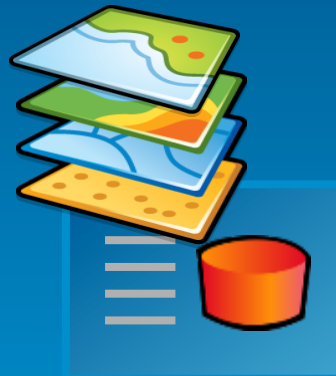
Land Administration

Good spatial technology supports good land administration

Ownership

Value

Use



Planning

Development

Sustainability

Tenure Security

Spatial Data Management

Land Administration



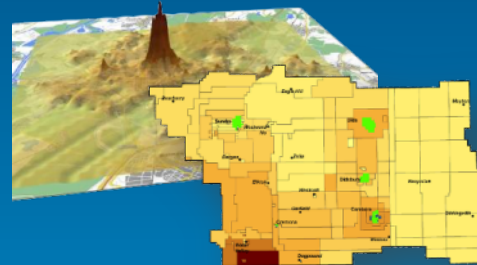
Land Information Systems

GIS is the platform of land systems worldwide

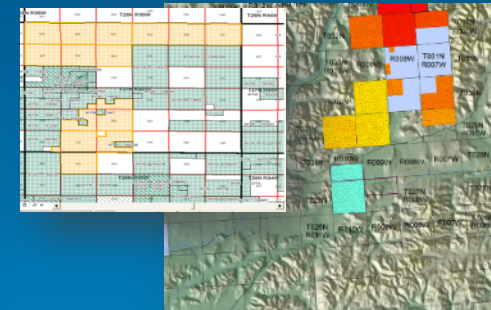
Tax Mapping



Property Valuation



Integrated Land Management



Field Data Collection



Resource Leases



Transaction Analysis



National Data Portal



Address Systems



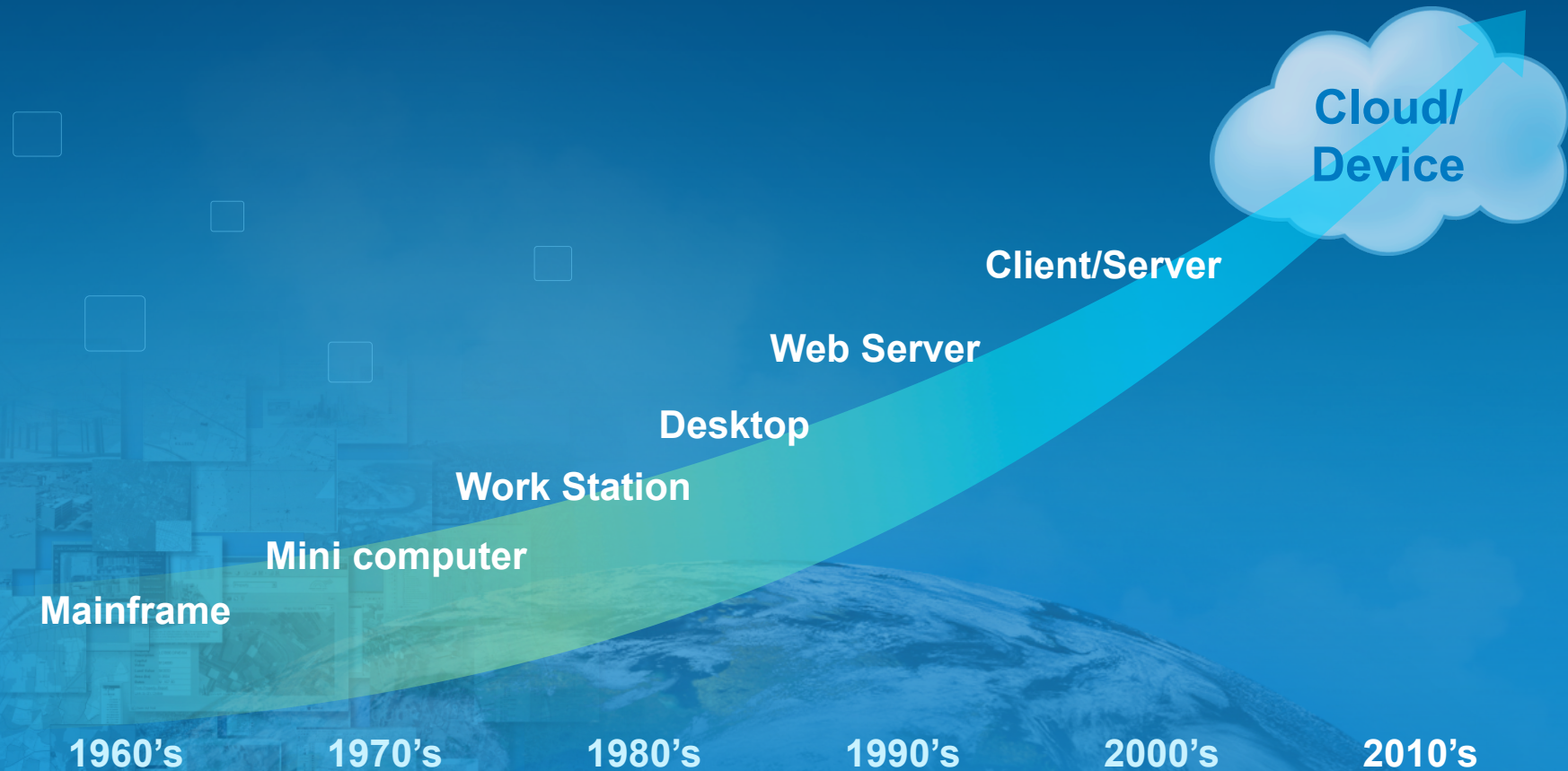
New Spatial Technology and Data

New Technology – addressing new challenges and opportunities.....

- **Platforms, Capabilities, and Users**
- **Security**
- **Authentication**
- **Privacy**
- **Disconnected**
- **Global Content**
- **Portals**

GIS Is Becoming a Platform

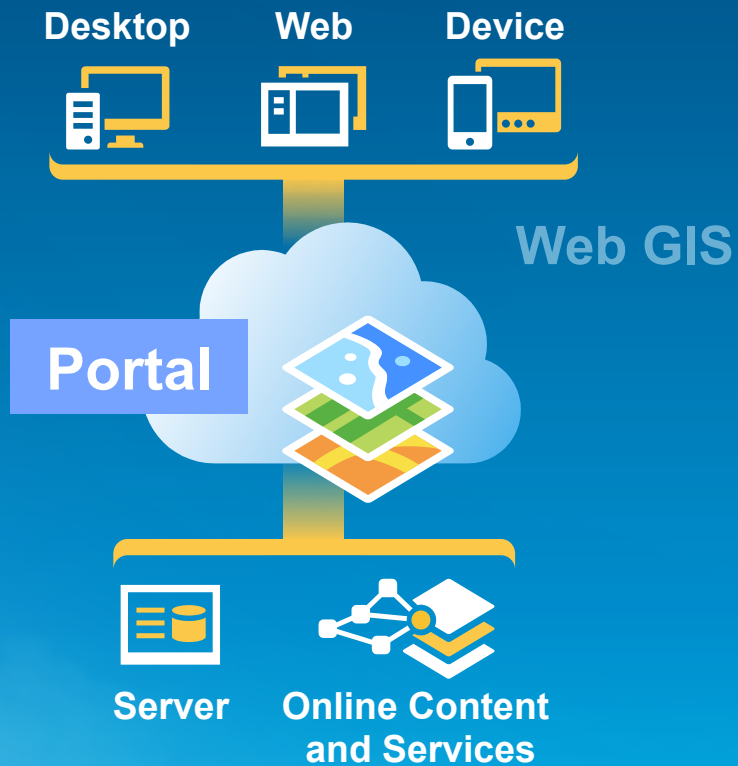
A New Architecture



GIS Is a Platform

Enabling Web GIS Everywhere

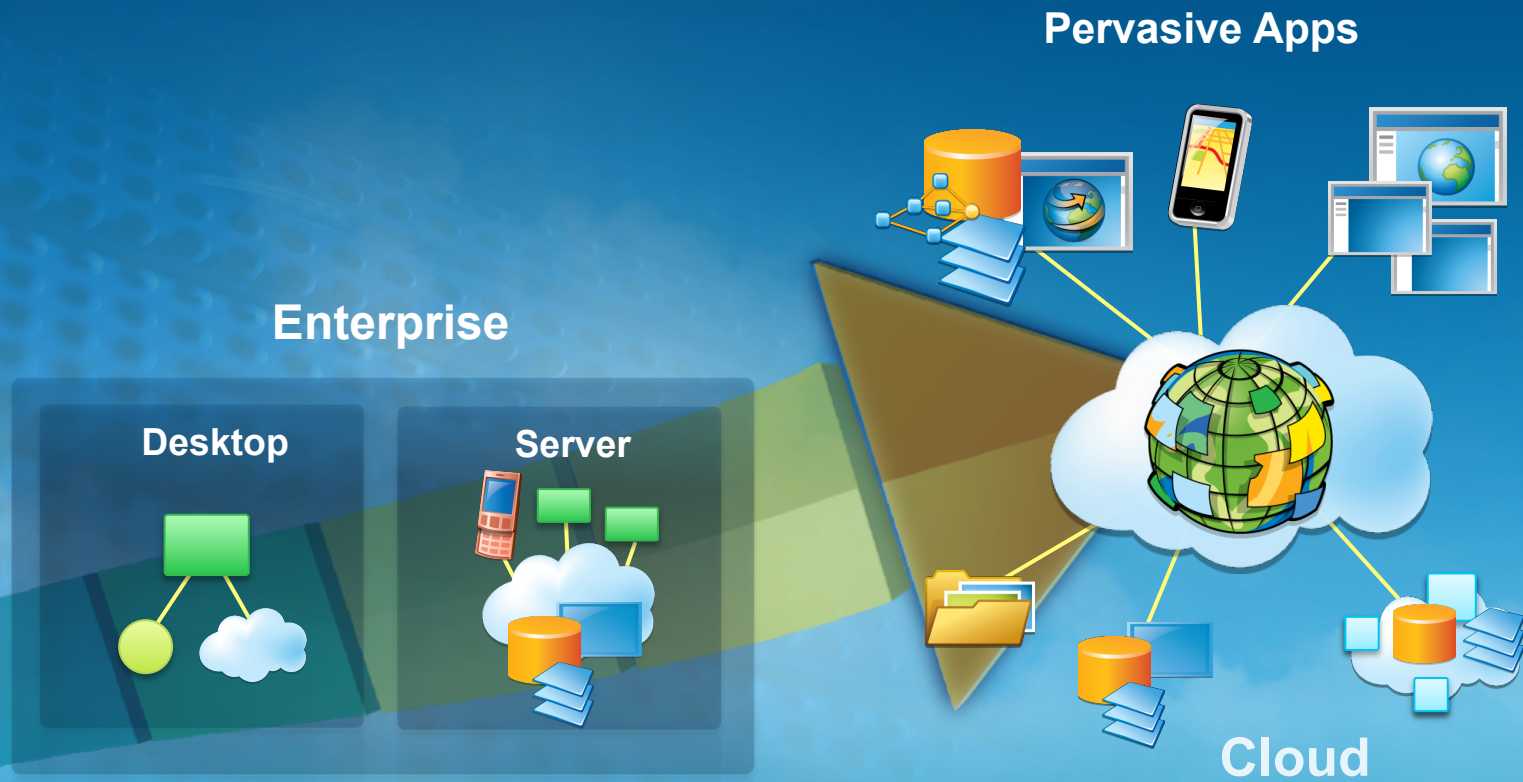
Simple
Integrated
Open



Available in the Cloud and On-Premises

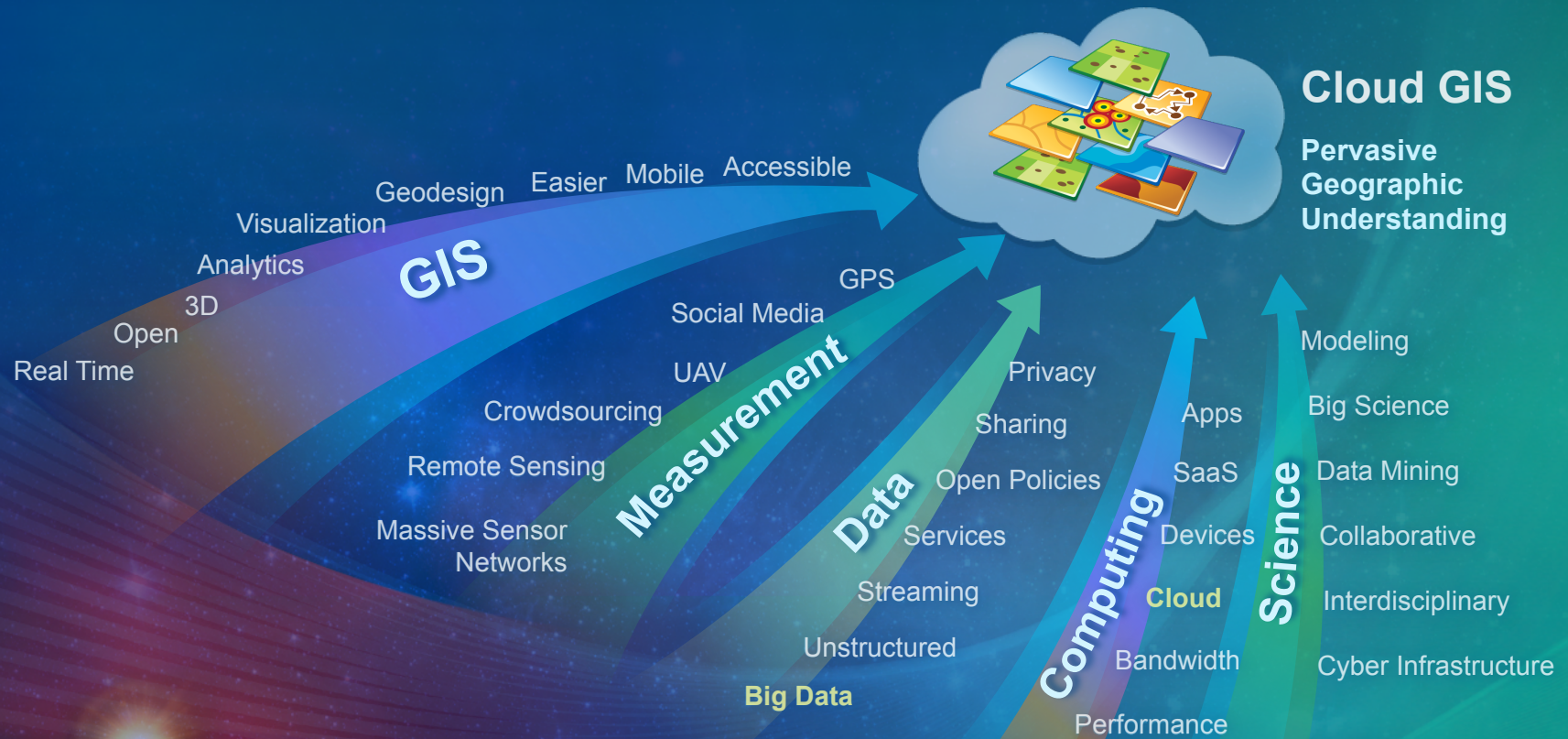
GIS as a Platform

Connects and Leverages



Making GIS Easy and Accessible

This Platform Leverages Many Trends



This Platform Integrates All Types of Information



*Web Maps Normalize The Information . . .
. . . And Make It Accessible Widely*

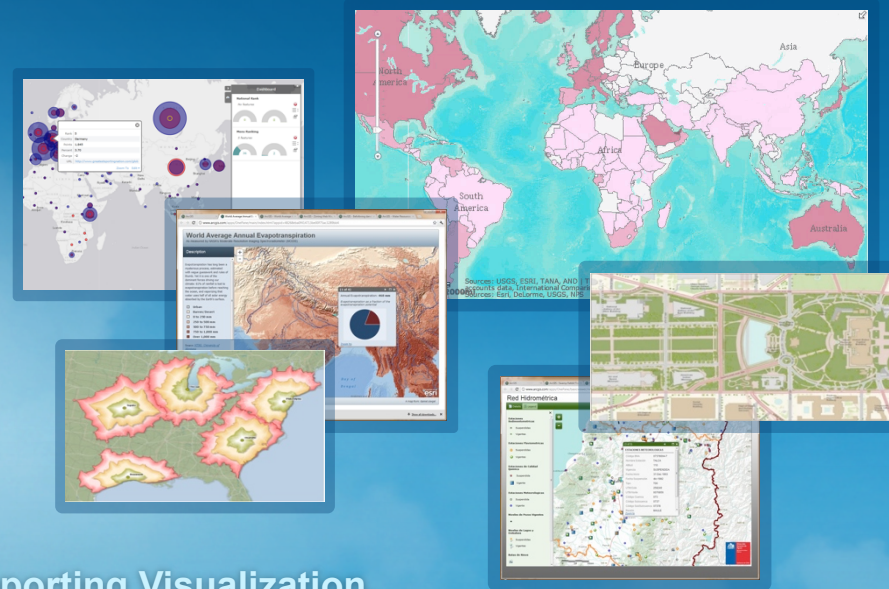
Web Maps are the New Medium

Providing Intelligent Maps to Everyone

Any Device



Supporting Visualization, Query, Editing, and Analysis



Dynamic

Making Dynamic Geographic Information Available Anywhere

Global Basemaps are Part of the Platform

Normalized Commercial and Government Sources

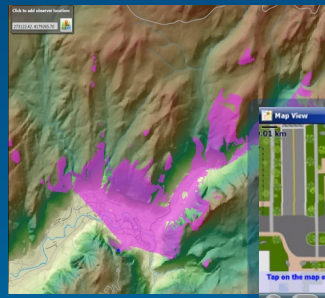


Geocoding
Streets
Oceans
Places
Routing
Imagery
Terrain
Topographic
Demographics

... Providing a Foundation for Your Work

Available On Any Device

Apps Make The Platform Come Alive



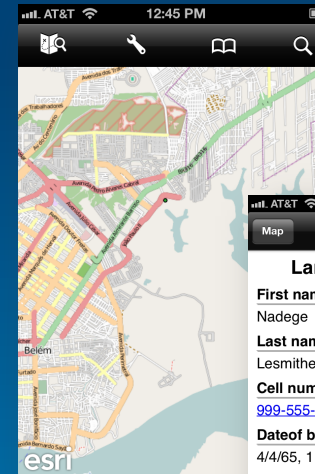
Viewing

Rich Functionality



Editing

Field Data Collection



Land claims: Nadege	
First name	Nadege
Last name	Lesmithe
Cell number	999-555-1211
Date of birth	4/4/65, 11:00 PM
Gender	Female
Marital status	Widowed
Gov't ID	H121215

Windows

iOS

Android



One Map

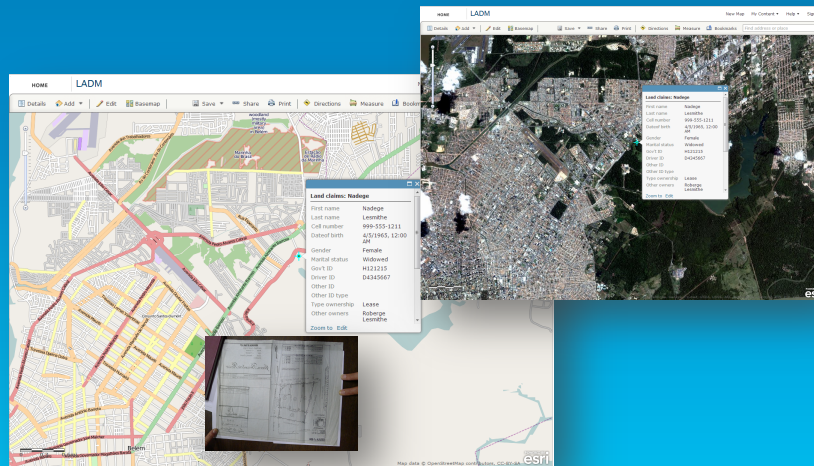


... Making Your GIS Accessible Everywhere

Security, Trust, Privacy

Low-cost, easy to implement, many workflows supported.....

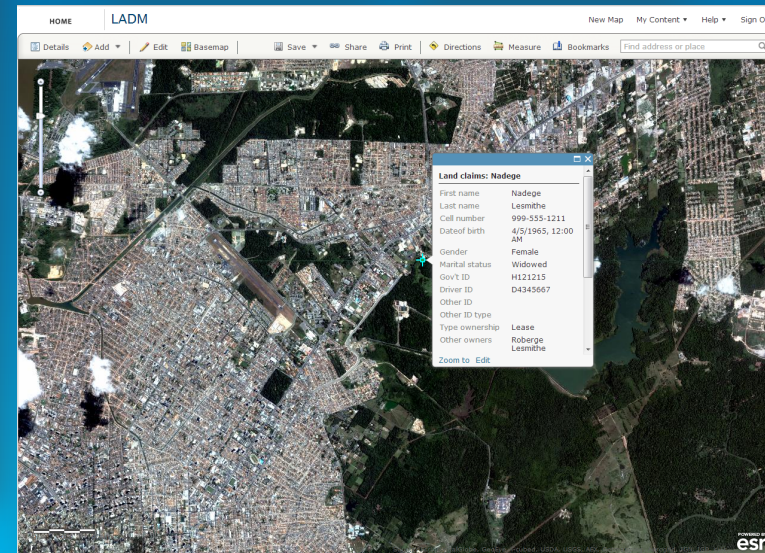
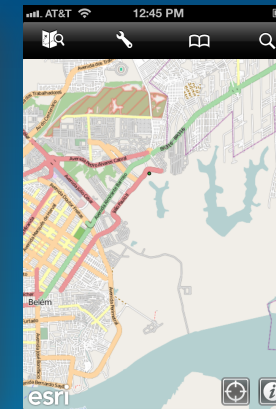
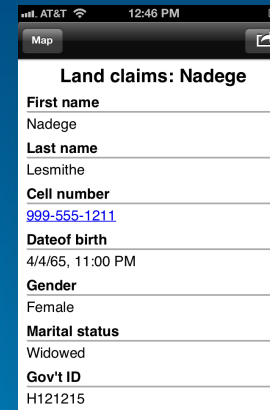
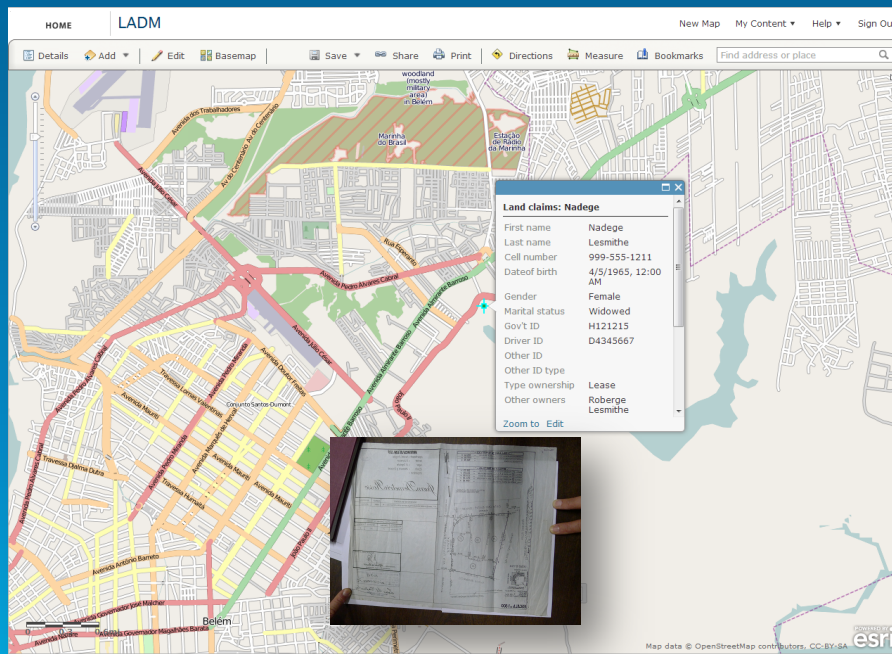
- GeoTriggers
- Device Authentication
- User Authentication
- Server Authentication
- Time
- Metadata



Collecting Land Information in the Cloud

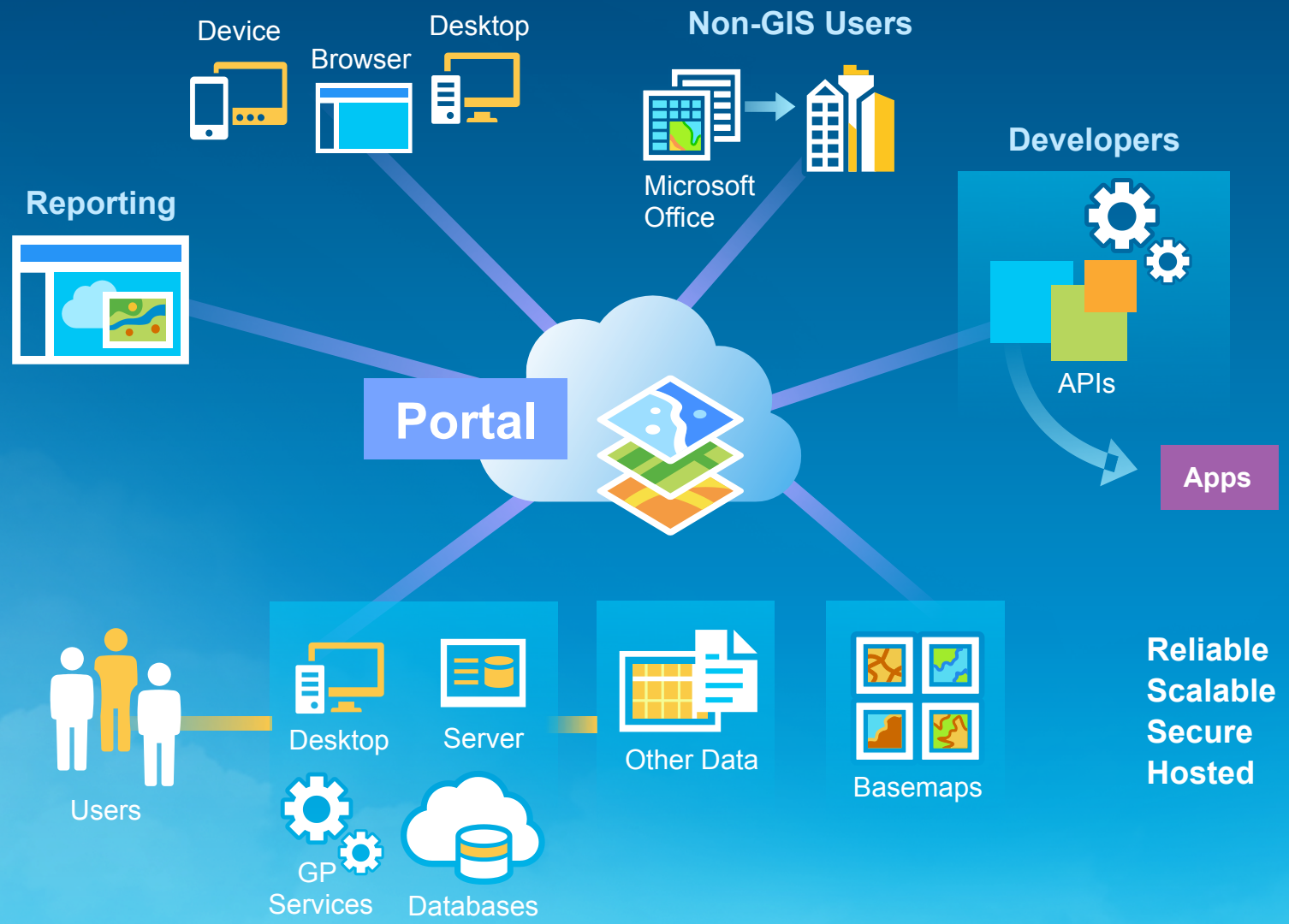
On your phone, on your desktop, on the web....

Land Administration Domain Model Disconnected



Worldwide, device independent.....

GeoPortals



GIS is the Platform for Land Administration

A Comprehensive Technology Platform





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