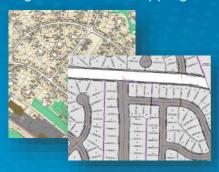


Land Administration Systems

GIS is the Technology Platform

Digital Cadastre Mapping



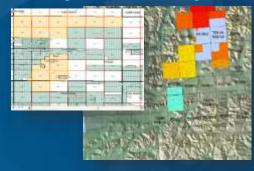
Property Valuation



Transaction Analysis



Integrated Land Management



Field Data Collection



Address Systems



Resource Leases



National Data Portal



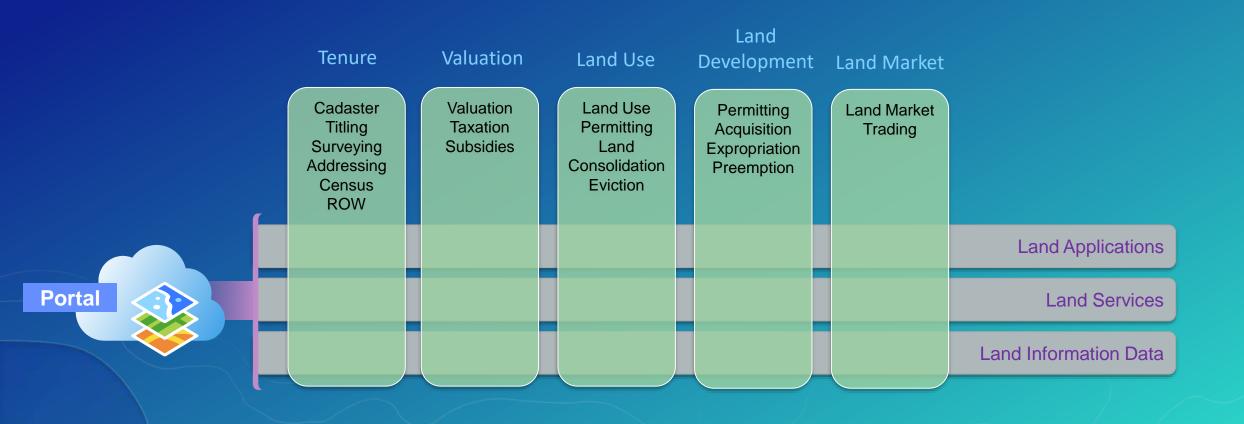
Powering Land Administration Systems Worldwide.....

Collect, Manage, Analyze and Securely Share Land Information

ArcGIS is the platform for land administration systems

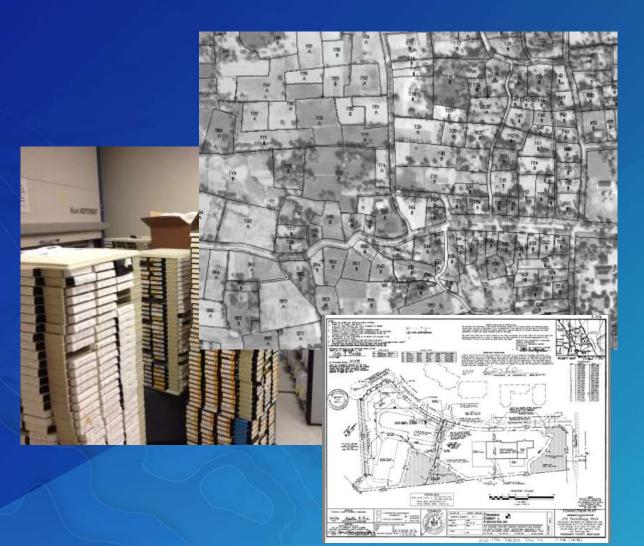


GIS – The Platform for Land Administration



System of Record

Organizes and Manages the Legal Record of Ownership, Value and Location



Cadastral History



Quebec, Canada

Parcel Query



Auckland, New Zealand

Tax Parcels



Wisconsin

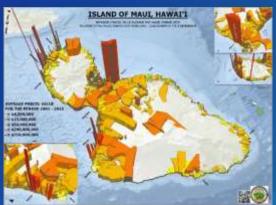
System of Insight

Tax Assessment

Nebraska

Understand the factors impacting property value and use

Parcel Values



Maui

Historic District Property Values



Georgia

Value Analysis Dashboard



Trade Market Area Analysis



Operations Dashboard



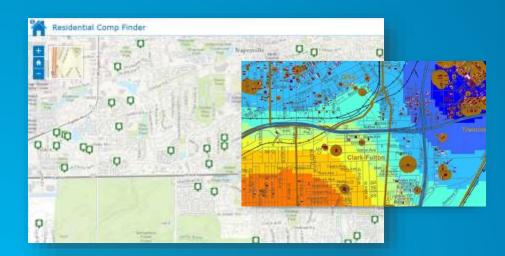
System of Engagement

Growing with public expectations and capabilities

Engaging taxpayers, businesses and citizens with government



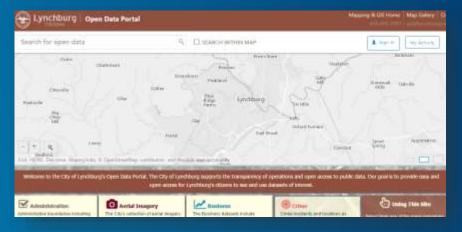
Portal



Mobile



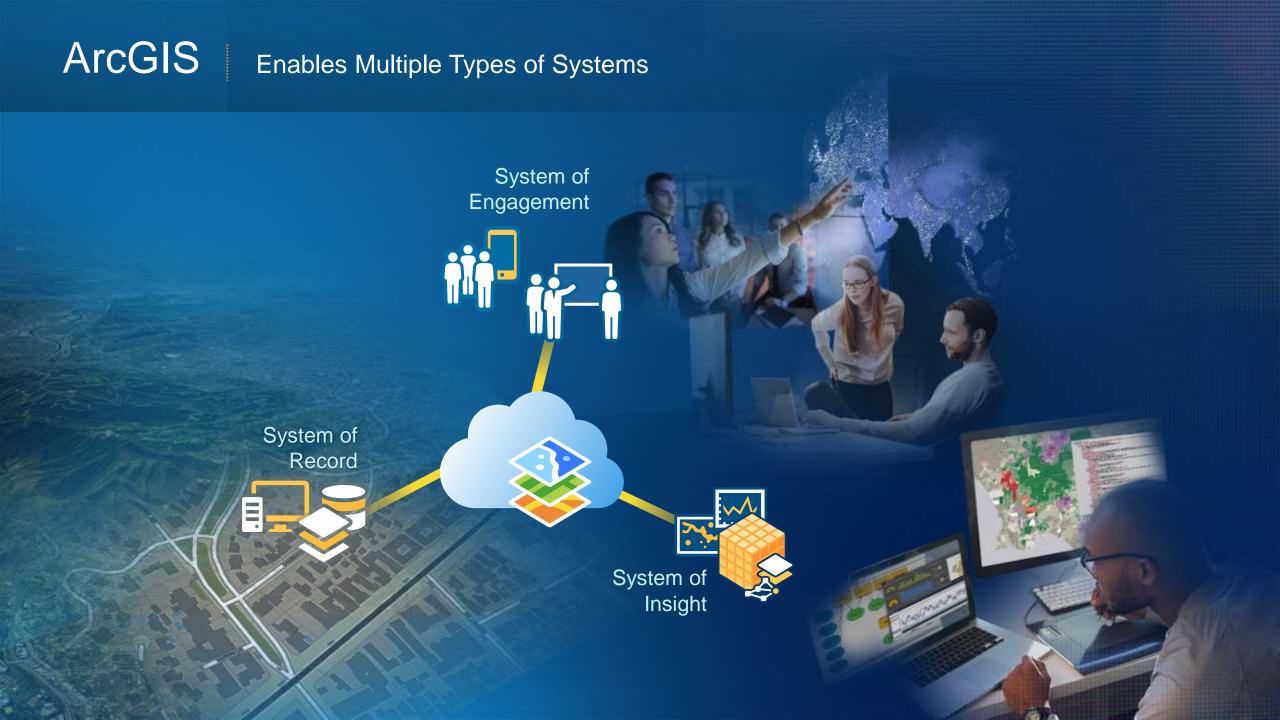
Story Maps



Open Data

Comparable Sales/Analytics

Engaging with the public is now a two-way conversation.....



Modern Architecture

GIS – Enabling Platform

Enabling New Capabilities



How You Integrate

What You Integrate

Why You Integrate

Client / Server Web Services & Apps

Stand-Alone Desktop — Connected Desktop

Data Models Web Maps & Layers

Static Data Real-Time

Single Server Distributed Computing

Custom Applications — Configurable Templates & Apps

Proprietary Data Open Data & Shared Services

2D Features 3D Features

Spatial Analysis Spatiotemporal & Big Data Analytics

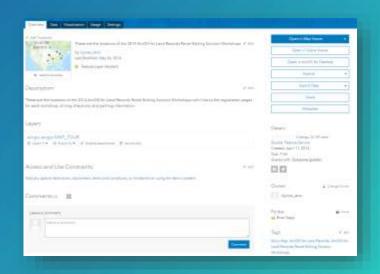
Digital Cartography Smart Mapping

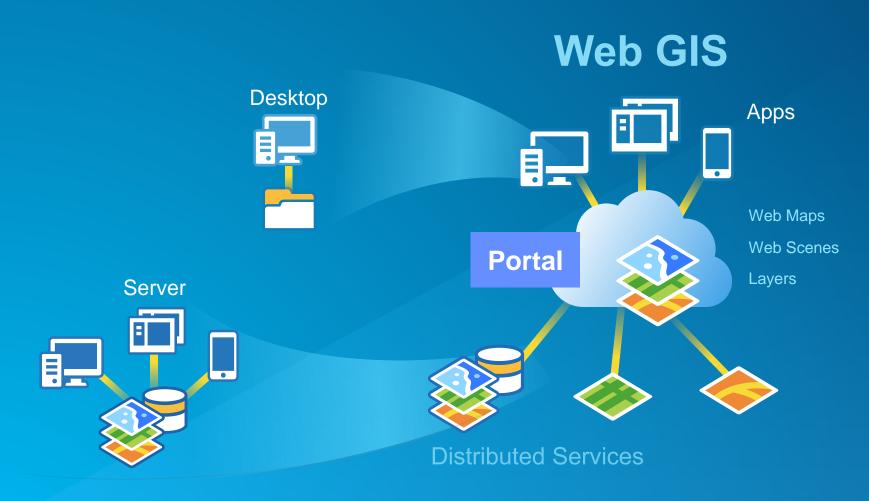
- Secure/Identity
- Standards-based
- Controlled Access via Identity
- Control Who Does What
 - View
 - Query
 - Edit
- Monitor/Track



http://esriland.maps.arcgis.com/home/item.html?id=59696 89b642840e39cf0491669484e0b







Bringing Together Systems with Modern Architecture.....

Web GIS Simplifies Working With All Types of Data

Using Web Maps, Scenes, and Layers



Apps Are Bringing the Power of GIS to Everyone

Extending the Reach of GIS



GIS Content

Ready-to-Use Maps and Data

Tens of Thousands of Open Datasets & Curated *Living Atlas* Basemaps Demographics and Lifestyle

Urban Systems

Transportation

Boundaries and Places



Imagery

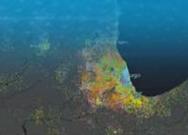
Landscape

Oceans

Earth Observations

Millions of User Contributions . . . Billions of Views per Week













Apps Extending GIS Capabilities Everywhere

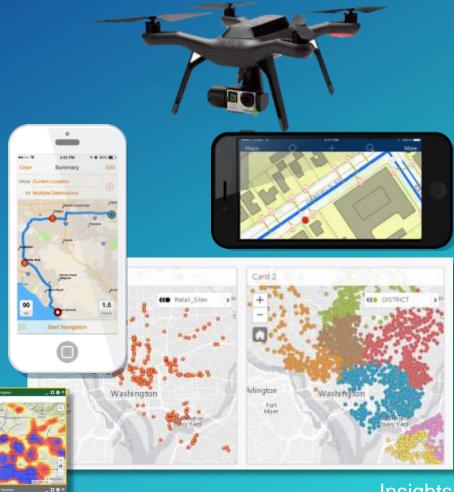


What Apps to Use?

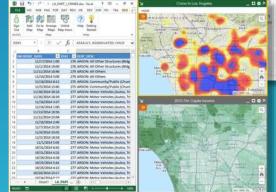
Powered by Services

- Collector
- Survey123
- Explorer
- Operations Dashboard
- Drone2Map





Maps for Office



Insights

Support your workforce and workflows.....

GIS for Cadastral Agencies

Supporting All Requirements







CAMA Visualization

Value Analytics



Public Relations



File Assessment Appeals



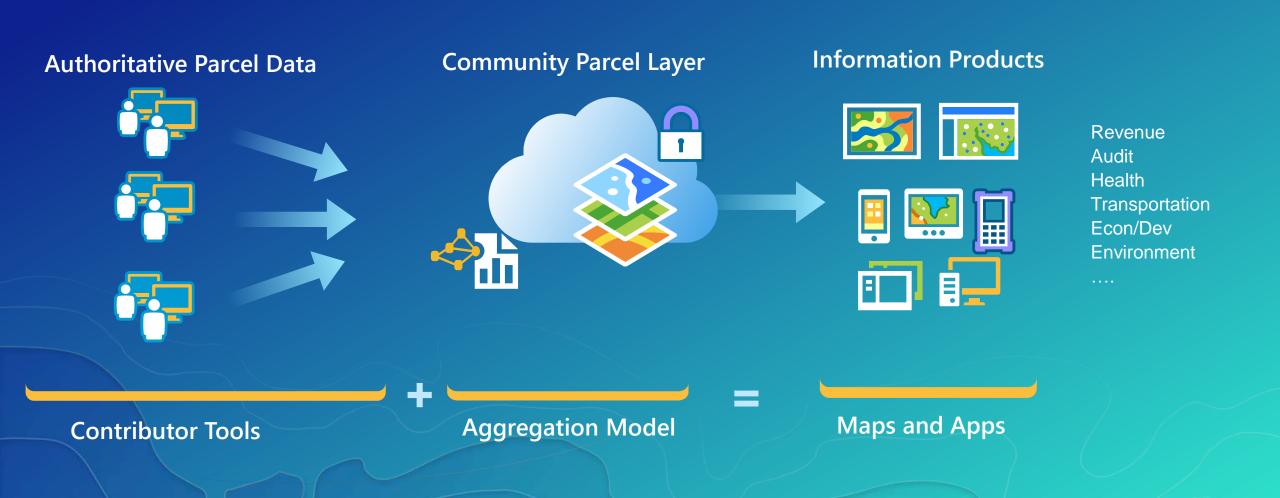
My Tax Distribution

Residential Comp Finder

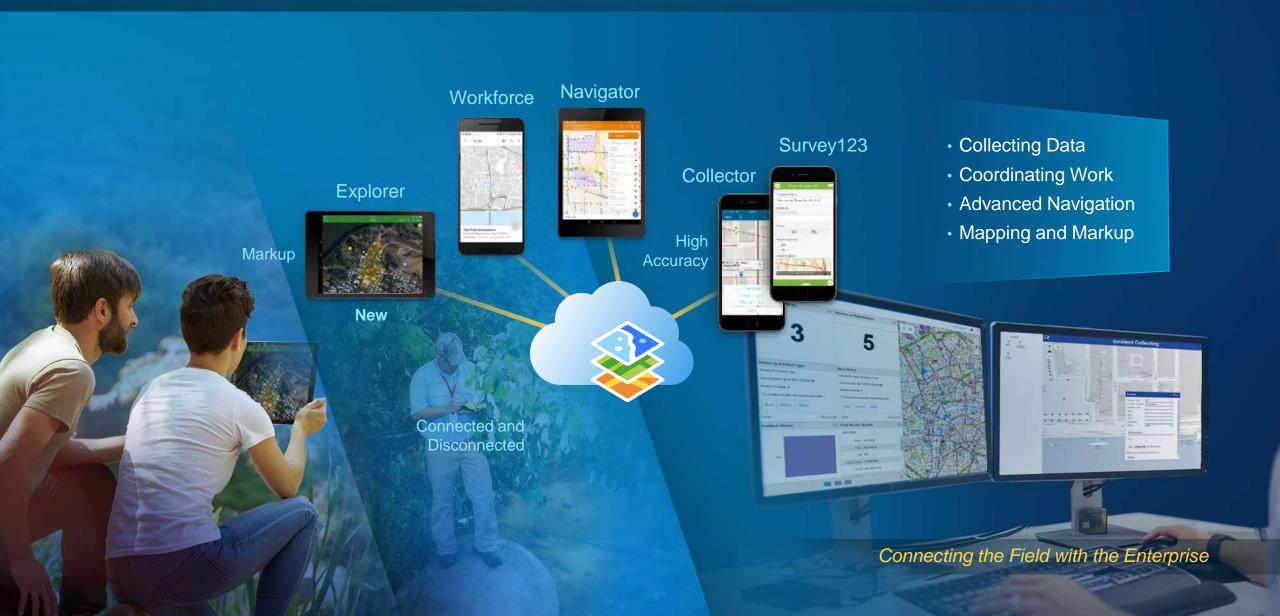
Support Data/Parcel Aggregation

Web GIS solution for parcel aggregation

COTS Tools for aggregating and sharing.....



GIS for the Field | Field Data Collection and Field Force Management



3D Cadastre

Analysis, Visualization, Maps and Apps

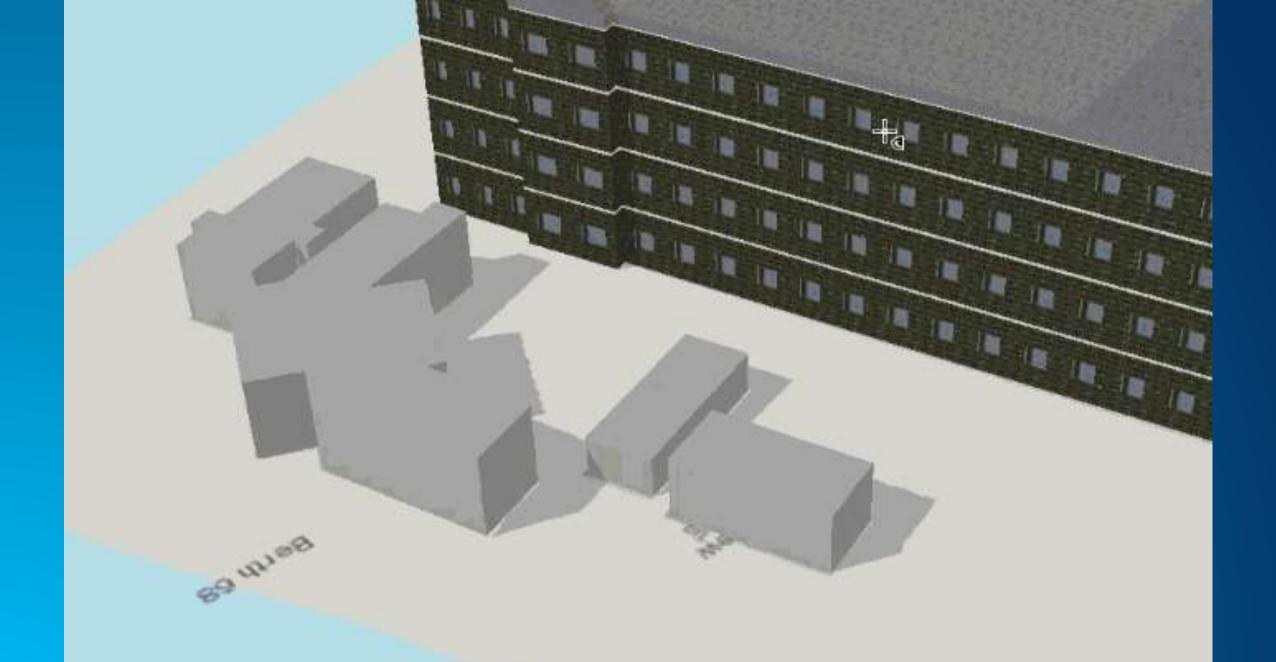














Colombia







order.	Tearre	Die
189	1.000.000	950,000
AGE	6/95/52	390,000
101	1,074,112	2001.04
22	1,005,760	100,01
707	17/05/80	566,675
101	1025.4%	988,689
901	100641	300,74
261	1,005-46	985,71
101	2009-991	96/70
101	L'aute etc.	988.791
1600	1005.49	385,746
266	1329.499	160,70
101	1,000 Mg	240,70
946	700/146	166.01
- 11	1,000,000	280.07
171	1709-09	980,610
100	10839	986,781
300	17/21/26	966,711
301	1,000,000	100,16
419	1,005,350	846,710
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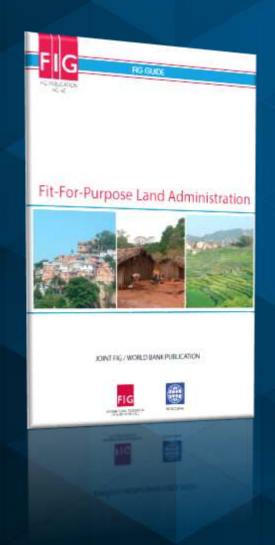


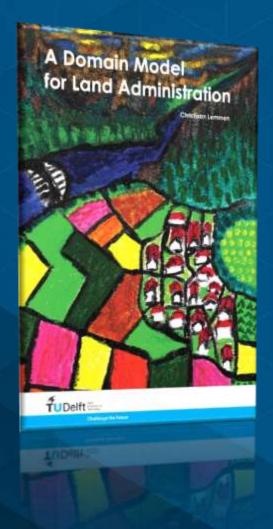
- IGAC National Mapping Agency
- Kadaster International
- Trimble
- Esri
- Esri Colombia





Standards-based Solution Requirement







Typical Situation





Methodology





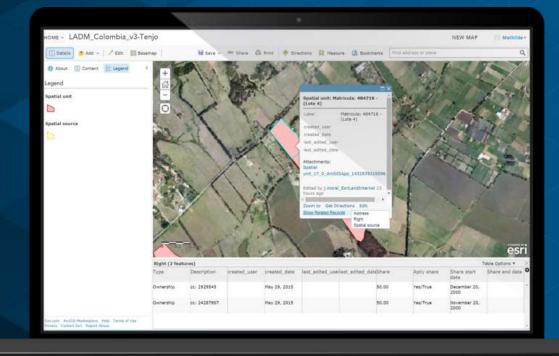






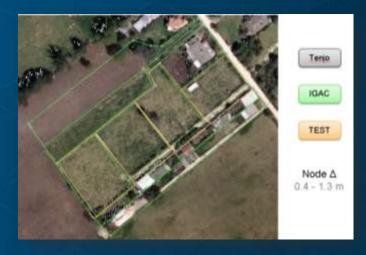


LADM in ArcGIS Online





Apps



Base Maps and Data



Reports

Browser Capabilities

Many More.....

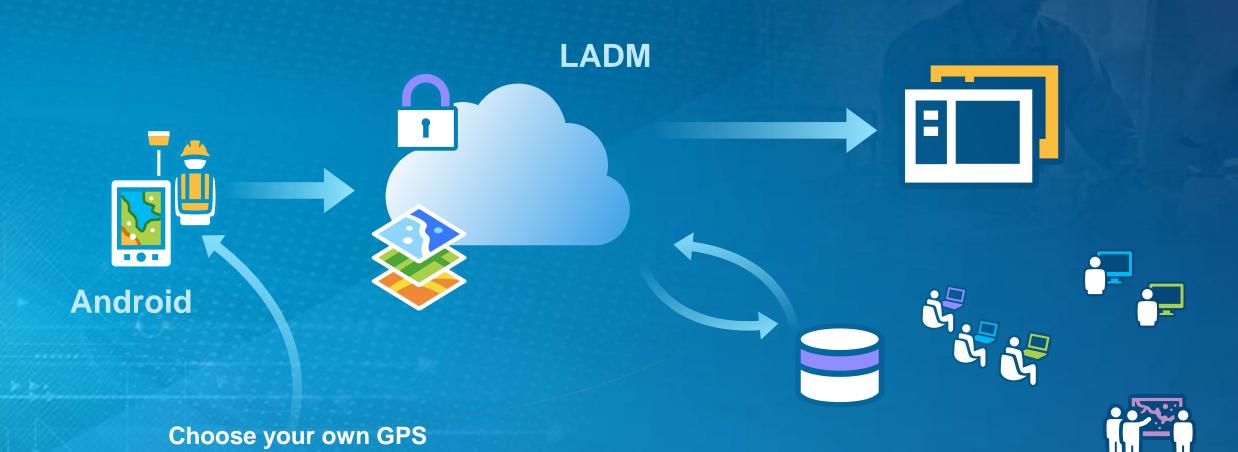
Fit For Purpose LA & GIS

FFP processes with FFP technology



Collector/ArcGIS Online

Enabling New Workflows with High Accuracy



Scalable Systems



Modern Cadastral Platform – Web GIS

GIS Living Atlas Portal **Global Content** Registry Organization Groups Cadastre People Parcels Identities and Maps and Roles Tax

Supporting Global Cadastre Requirements

