

How Land Information Systems Drive Economies

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ArcGIS is an Integrated Web GIS Platform

COTS Configurable

Standards-Based

Purpose-Built

Accessible from any
Client

Organizes Content

Manages Access & Roles

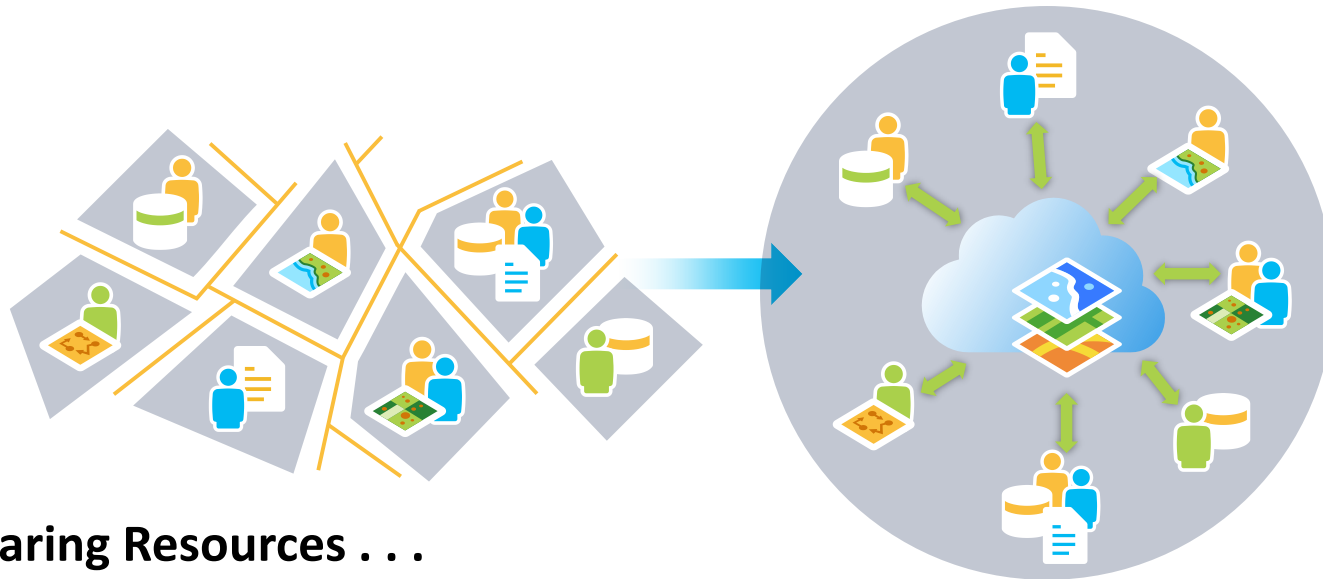


Available in the Cloud . . .
. . . and On-Premises



Leveraging WebGIS – Integrates organizations and people

Breaking Down the Barriers



**Creating New
Relationships**

Sharing Resources . . .

. . . Supporting Collaborative Approaches

Parcel Data Management



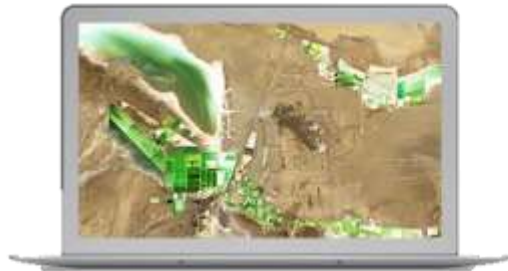
Collect, edit and manage your cadastral data



Field Apps



Enable your field workforce to easily access and collect authoritative mapping information



Analytics →

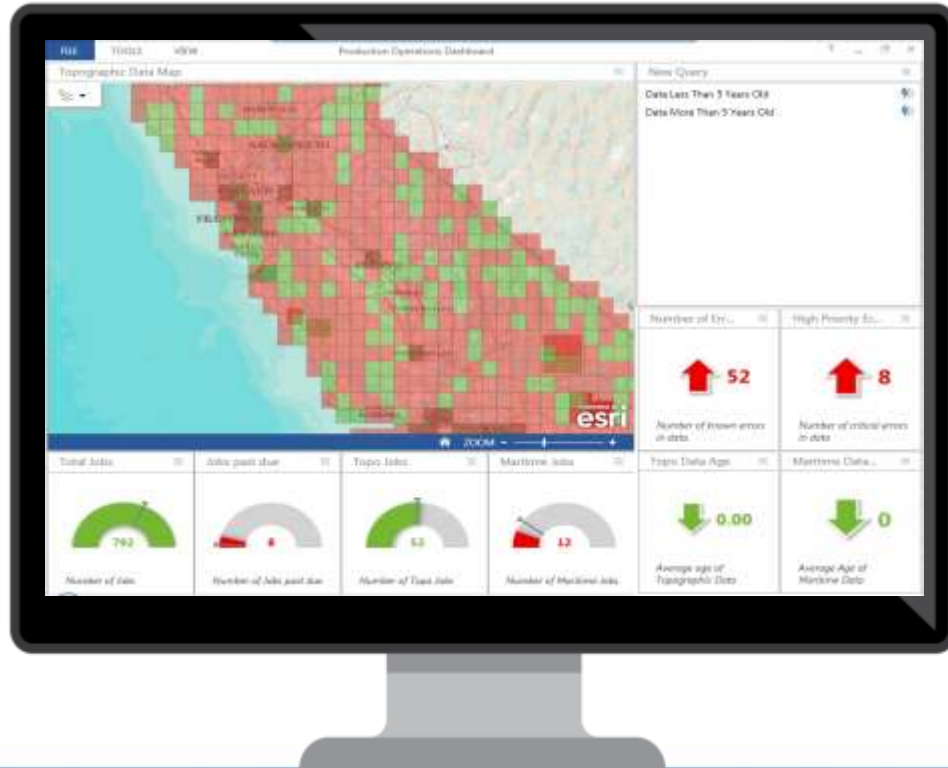
Project and edit 3D parcels or build models to support property valuation



Executive Dashboards



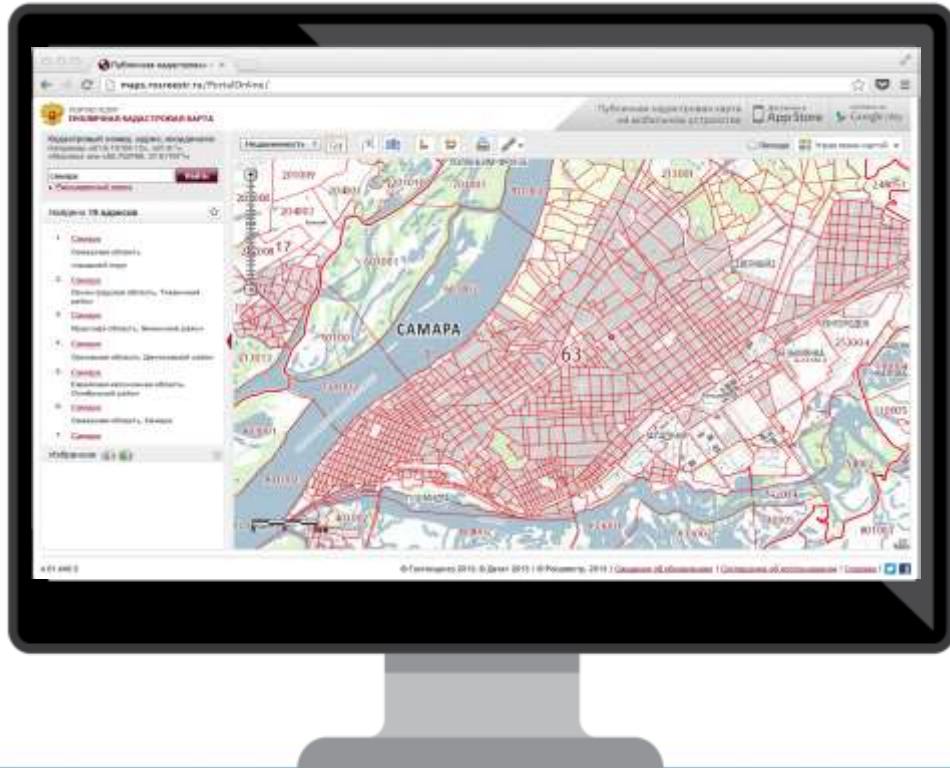
Monitor workflows and parcel fabric statistics



Constituent Engagement



Enable the public to view and query land parcel and valuation data



Customer Challenge

- Heterogeneous data access and dissemination
- Lack of operational awareness by management
- Inefficient workflows for managing parcel data

Esri Solution

- ArcGIS Desktop - Parcel Fabric & Workflow Manager Extension
- ArcGIS Server - including Portal for sharing and collaboration

Example: Botswana Dept. of Surveys & Mapping

Enable People to Make Better Decisions

Operations Dashboard to monitor workflows and statistics

Web Portal provides platform for sharing imagery and cadastral data within the Government of Botswana

Workflow-based cadastre information system on Parcel Fabric



Organizational Results

Improved insight into the performance of the cadaster information system

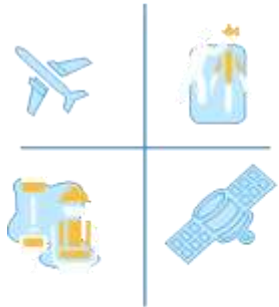
More open, transparent, and efficient use and dissemination of spatial information

More efficient and integrated workflow for capturing, examining and approving cadaster information

How do LIS Drive Economies?

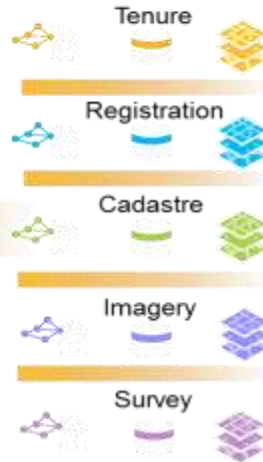
Collect

Increasing accuracy and reliability of parcel data



Reducing the barriers to property registration

Process



Increasing efficiency and cost recovery for government

Manage


Specifications


Data Models


Workflows

Share



Increasing transparency, accountability, participation and value-added services

Sustainable Development Goals



Thank You

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