



ArcGIS for Land Administration

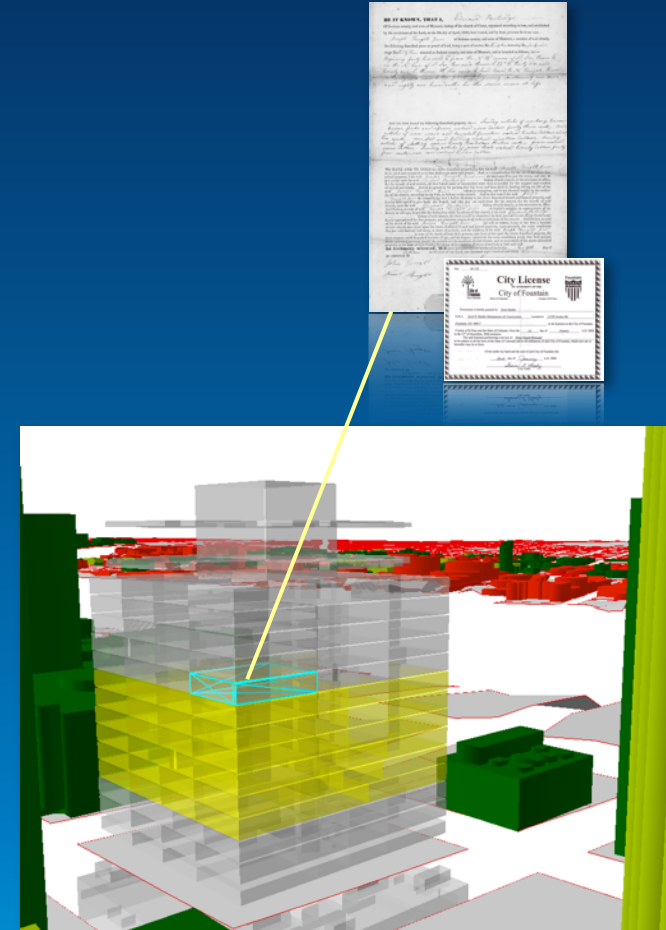
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Trends in Land Administration

Applying ArcGIS Technology to Meet Current Challenges

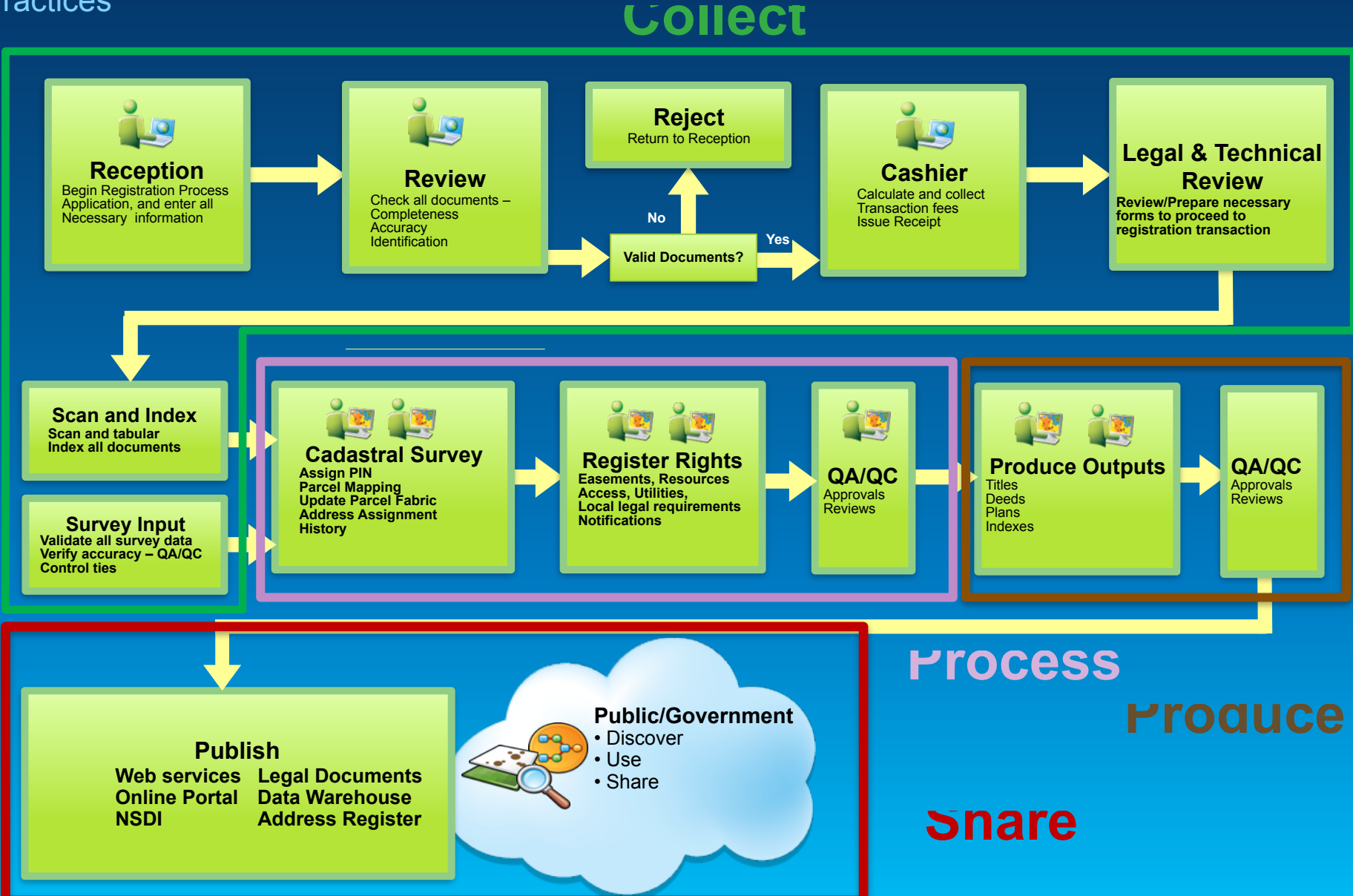
- Multipurpose
- Transparent/Accountable
- 3D/4D Applications – ownership/value
- COTS – Commercial Off-the-Shelf
- Engaged citizens
- Cloud Computing
- Online Data
- Ongoing Data Quality Improvement
- Systems Consolidation



GIS is the Platform for Cadastre and Land Records Systems....

Cadastral Process

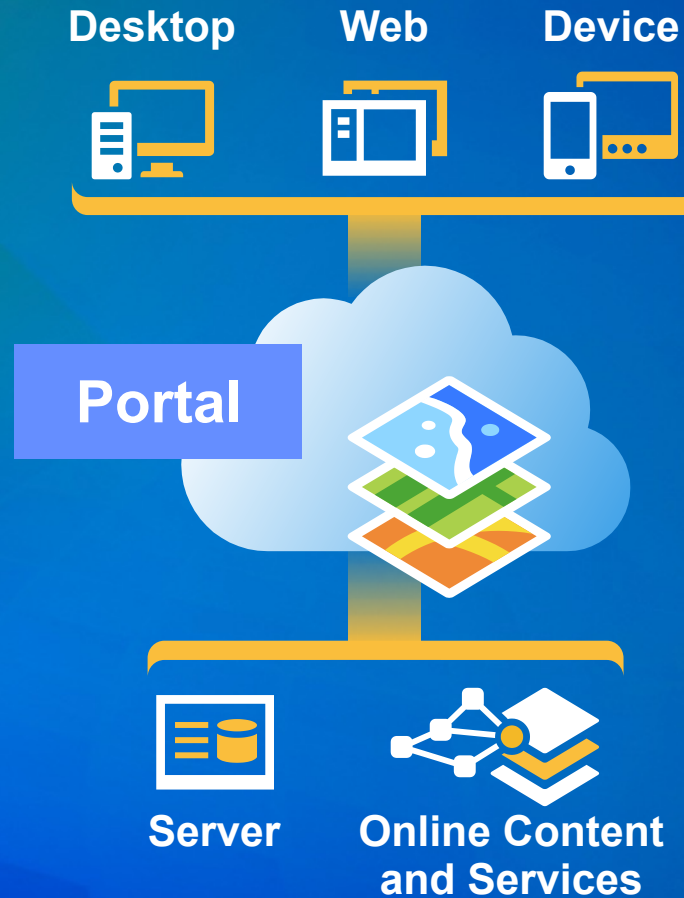
Best Practices



ArcGIS

The Platform
For Land Administration

Providing Mapping, Analysis, Data
Management, and Collaboration



Apps

Access

Services

Cadastral
Planning
Valuation
Use
Development
Management

State Geodetic Authority Croatia

ArcGIS Platform – Cornerstone of the Nation's SDI

- GeoPortal delivering search, browse, data evaluation, selection & purchase, and web map services
- Key themes of NSDI
 - Orthophotos
 - Large scale (1:5,000) base map
 - Cadastral maps
- INSPIRE “compliant”
- Standards based solution



The image displays two screenshots of the DGU.GeoPortal. The top screenshot is the website's home page, featuring a header with the logo of the State Geodetic Authority of Croatia (Republika Hrvatska, Državna Geodetska Uprava) and navigation tabs for 'naslovnica', 'pretraga', 'servisi', 'podaci', 'aplikacije', 'kontakt', and 'pomoć'. The main content area includes a search bar, a 'Dobro došli na Hrvatski Geoportal!' welcome message, and a 'Proizvodi' section with thumbnails for 'Digitalni ortofoto crno-bijeli', 'Digitalni ortofoto u boji', 'Hrvatska osnovna karta 1:5000', and 'Skicirani katastarski planovi'. The bottom screenshot shows the ArcGIS web interface, displaying a map of Croatia with a grid overlay and a legend on the left side listing layers such as 'DOF5C', 'GP.SC_DOF5C_PODJELA', 'DOF5C_6', and 'DOF5C_5'. The interface includes standard GIS navigation tools and a scale bar at the bottom right.



GIS for Cadastral Systems

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Understanding our world.