Data, Standards, GIS and FFP

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GIS is Evolving
Embracing new standards and data

Applications
Collaborative
Mobile
Native
Real-Time
Analytics
Configurable
Visualization

Implementation
Configuration
Open
Agile
Web
Easier
Ready to Use
Standards

Technology
Virtualization
Big Data
Location
Cloud
Internet of Things
Faster Computing
Consumerization

Web GIS

Data
Lidar
Crowdsourcing
Drones
Scientific Data

Sensors
Real-Time
Field Survey
Social Media

Remote Sensing
GPS

UAVs

Real-Time
3D
Analytics
Visualization

Configurable
Mobile
Native

Easier
Ready to Use
Standards

Faster Computing
Consumerization
GIS Cloud
Cloud-based GIS
- Hosted publishing and analytics
- Hosted apps
- Hosted content (Living Atlas)
- Sharing and collaboration
- Public ecosystem
- Integration with on-premises Web GIS

GIS Content
Living Atlas
- Basemaps
- Demographics and Lifestyle
- Transportation
- Urban Systems
- Earth Observations
- Imagery
- Landscape
- More…
GIS Services
Hosted publishing and analysis

- Find Hot Spots
- Field Calculator
- Proximity
- Merge
- Drive Time Analysis
- Intersect
- Aggregate Points
- Union
- Pattern Analysis
- Find Nearby
- Extract
- Buffer
- Dissolve Boundaries
- Watershed
- Summarize
- Data Enrichment
- Route

GIS Apps
Support your workforce and workflows

- Maps for Office
- Open Data
- Collector
- Operations Dashboard
- Explorer
- Navigator
- Workforce Manager
- Drone2Map
- Insights
- Earth
Living Atlas | Ready-to-Use Maps and Data
Compiled from the Best Available Sources
Basemaps | Imagery | Demographics | Landscape
Thousands of Maps & Layers
(Including All the A-16 Layers)
Tens of Thousands of Open Datasets

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

Cadastre Building Blocks
Collaboration in Colombia

Partners, standards, security....

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

Why this Approach?

FFP in a couple of weeks.....

- Fast-to-Implement
- Standards-based
- Low Cost
- Accurate
- No Software Development
- Secure
- Flexible

- Leverages External Data
- Uses Many Devices
- Scalable
- Repeatable
- Works Disconnected
- Reliable
- Future Proof
Leveraging Modern Standards & GIS
FFP processes with FFP technology

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