Spatial Data for County Government

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Spatial Data Overview

Spatial Data

Aerial Solutions
- Imagery
- Base Maps
- Bespoke Layers

Space
- Satellite Imagery

Land Solutions
- Cadastral
- Field Mapping

INFORMATION

Decision Making
Where Do we start?

Data
- Imagery
- Base Data
- Cadastral Data
- Asset Data

Systems
- Hardware
- Software

People
- Training
- Recruitment
- Outsourcing

Awareness
- Sensitization
- Value ‘Selling’
Role of Imagery
Why You Need Spatial Data

- Great Visual Planning tool
- Informed Decision Making
- Better Governance
- Better Resource management
- Increased Revenue
- Happier Citizenry
Ramani WebGIS
Spatial Data for County Governments
Overview

- Cost effective
- Web-based application
- Designed for light users of spatial data
- Access to Ramani’s vast library of spatial data
- Integration with Client data*
Key Features

• Access to imagery:
  • High resolution (5 - 20cm) imagery
  • GIS – ready spatial data
  • Ortho-rectified & accurate
  • Historical imagery *

• Customizable Interface

• Tiered subscription options

• Supports multiple users with variable Read-Write functionality

• Platform for delivery of spatial data (Imagery, vector, elevation)
WEBGIS Architecture

Map Server

Web Server

GIS Database

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Internet

Web Browsers

County Database

County Officers

Field Officers

Integration

Public

END USER
Implementation

RAMANI Control Unit

Create Company Profile

System Administrator

Control Access

Multiple Users

View & EDIT

View ONLY
Pricing & Coverage

• Configuration
  • Citi Data only
  • Citi Data + Client data
  • Client Data only

• Variable Pricing model:
  • Number of User accounts
  • Level of functionality

• Tiered Subscription
  • Monthly
  • Quarterly
  • Annual

Coverage
• Urban Centres & Major Cities in Kenya
• Kampala and Jinja (Uganda)
Ramani WMS
Web Mapping Service
Access Ramani WebGIS on your Desktop
Overview

• Online solution
• Designed for users seeking to perform advanced GIS functions
• Integration with desktop GIS Software
• Access to Ramani’s vast library of spatial data
• Option for integration with Client data
WMS Architecture

- Map Server
- Web Server
- GIS Database
- Internet
- Web Mapping Service (WMS)
- Web Feature Service (WFS)
- Desktop Clients

RAMANI

www.ramani.co.ke