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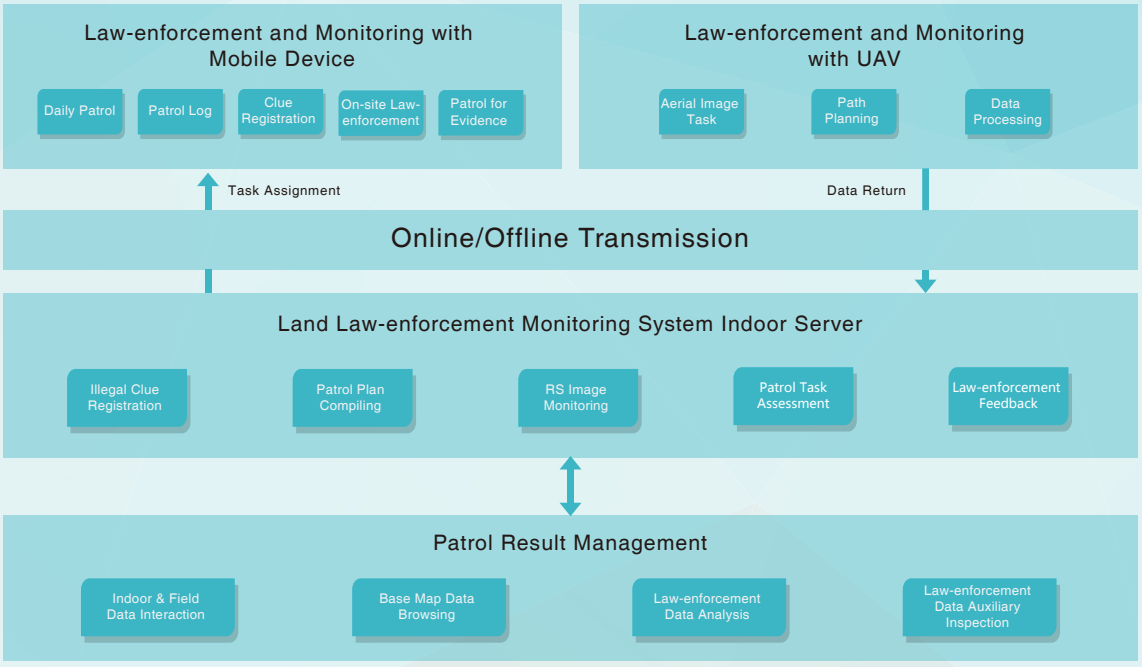
# KQ Integrated Land and Resources Monitoring and Law-enforcement Solution

## Background

With the popularity of geographic informatization, land and resources departments are also seeking a more comprehensive land-use regulation solution to promote scientific and standard management of land and resources information.

KQ Land and Resources Monitoring and Law-enforcement Solution is an innovation in the traditional way of law-enforcement. This solution integrates WebGIS, mobile applications, GIS, GPS, mobile OA and other technologies to help governors to keep up with the latest land and resources information, and ensure the implementation of national land and resources management regulations.

## Solution Framework




## Main Functions

### Information Collection

Record and save information collected from hotline, superior distribute, web portal, internet public opinion, etc., on the server

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### UAV Monitoring

Customize aerial monitoring tasks to acquire land and resources information timely and accurately for a wide range of area

### Satellite Image Monitoring

Monitor land-use hotspots through RS images, make contrastive analysis with land-use plan and status data, catch suspected illegal spots and create patrol task to verify

### Daily Patrol

With mobile applications, the patrol can report land-use and law-enforcement information in real-time through task download, on-site registration, patrol results save and upload, etc.

### Statistic and Analysis

Perform statistic and analysis of monitoring tasks and law-enforcement results to provide basis for policy-making and law-enforcement evaluation


## Application Efficiency

This solution is established on a land and resources server database and combined with multiple monitoring and data collection technologies.

KQ GEO has successfully implemented this solution for Qinghai Province. This solution helps each level of law-enforcement department to discover and monitor illegal land-use cases, master field patrols locations, and collect on-site situations, which significantly improves land-use management efficiency.

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