

Appian for Energy

Land Management.

The land management function is responsible for securing the rights to explore and produce hydrocarbons, complying with legal and regulatory boundaries, and managing relationships with landowners and stakeholders.

Leading oil and gas companies are using Appian business process automation to streamline land operations, improve resource allocation, reduce manual work, improve efficiency, and enhance compliance.

Use cases for Appian in land management include:



Document Management: Digitize and manage land-related documents, including leases, contracts, title records, and permits. Simplify document retrieval, reduce the risk of document loss, and ensure that records are up-to-date and accessible to authorized personnel.



Lease Management: Track key lease terms, payment schedules, and deadlines. Generate alerts and task notifications to ensure that lease obligations are met and that renewals or terminations are managed efficiently.



Title Research: Use Appian intelligent document processing (IDP) to quickly search and organize title records and ownership information. Identify ownership interests and surface potential issues related to land and mineral rights.



Workflow Automation: Standardize and streamline processes related to land acquisition, permitting, and regulatory compliance. For example, Appian guides and automates the necessary steps in obtaining permits, ensuring deadlines are met and compliance is achieved.



Royalty Calculations: Calculate and distribute royalty payments accurately based on production data to reduce errors, ensure prompt payments to landowners, and maintain goodwill with stakeholders.



Data Integration: Integrate with geographic information systems (GIS) and other data sources to visualize land and mineral rights information spatially, improving exploration and drilling activities.



Reporting and Analytics: Generate reports and analytics related to land holdings, lease performance, compliance status, and financial metrics in real time, from anywhere. Enable data-driven decision-making and tracking of land asset KPIs.



Notification and Alerts: Send alerts and task notifications to relevant stakeholders regarding critical events, such as lease expirations, regulatory changes, or landowner inquiries, ensuring that important actions are taken in a timely manner.



Data Security and Compliance: Ensure that sensitive land-related data is securely managed and complies with local data protection regulations. Track changes and maintain data integrity with real-time access controls and audit trails.



Vendor and Stakeholder Communication: Facilitate communication with landowners, regulatory agencies, and other stakeholders with automated notifications, updates, and requests for information/approvals.

Land management requires cross-functional workflows and collaboration.

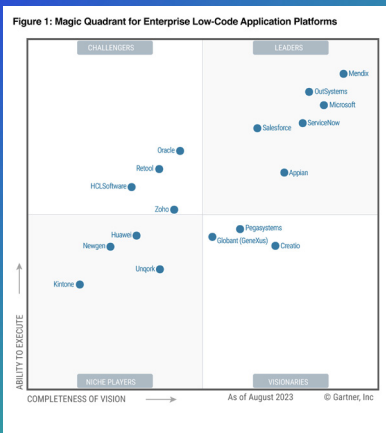
Effective communication and collaboration between business functions is essential for an efficient land management process. Appian automates complex land management workflows to make working together across functions easier:

- **Legal:** Negotiate and manage leases, contracts, and agreements in compliance with local laws and regulations.
- **Geology and Geophysics:** Provide information about the subsurface and potential resources to determine the best locations for exploration and drilling.
- **Environmental and Regulatory Compliance:** Ensure compliance with environmental regulations and permitting requirements.

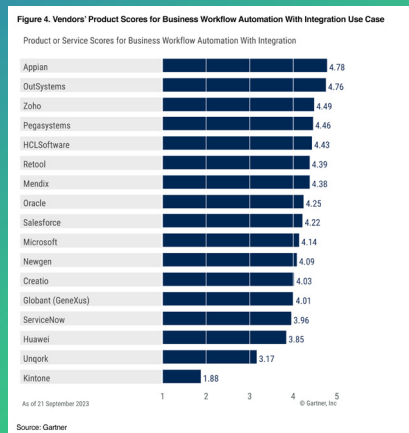
- **Operations and Production:** Plan and execute drilling and production activities relying on land data for site preparation and access to resources.
- **Finance and Accounting:** Manage lease payments, royalties, and financial transactions related to land and mineral rights; ensure accurate financial records.
- **Business Development:** Explore opportunities for land acquisitions/divestitures and evaluate the strategic value of land assets.
- **Risk Management:** Assess and develop risk mitigation strategies associated with land management, such as legal, environmental, and financial risks.

Appian is a Leader in the Gartner® Magic Quadrant™ and #1 for the Business Workflow Automation with Integration Use Case.

Find out why in the 2023 Gartner® Magic Quadrant™ and Critical Capabilities for Enterprise Low-Code Application Platforms (LCAP).



A Leader in the Gartner® Magic Quadrant™ for Enterprise Low-Code Application Platforms (LCAP).



Ranked #1 for the Business Workflow Automation with Integration Use Case in the Gartner® Critical Capabilities for Enterprise LCAP.

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