

# Land Management Software with GIS Tools for Oil & Gas Companies

Achieve More Accurate Land Asset Analysis by Embedding GIS Intelligence into your Land Management Toolset.

## Overview

### Why Add Geospatial Intel to Your Land Workflow?

Upstream and midstream operators choose Pandell land software to leverage Esri-GIS integration and achieve key business objectives in land.

- Manage any land right
- Analyze acreage holdings
- Track lease obligations
- Make timely rental payments
- Digitize ROW in the GIS
- Map leaseholds & well ownership

### Integrate with Your ERP and DMS in the Cloud

Pandell's land suite integrates with accounting, document management, and facilities management systems to help your team administer obligations and provisions; monitor AP & AR; identify time-sensitive work requiring action; and efficiently create reports and forms. Plus, our subscription-based hosting and SaaS expertise offer cost-savings by eliminating large, upfront system fees and freeing up your IT resources from infrastructure and maintenance responsibilities.

## Statistics

### 230+ System & Data Conversions

Our project teams have helped dozens of companies convert from ineffective land, financial, and field operations systems, to our modern digital solutions.

### 3 out of 4 Companies Choose Pandell

75% of companies that engaged Pandell in a product demo over two years went on to select Pandell as their enterprise software partner.

### 500+ Energy Customers

Our web-based solutions deliver innovative functionality and data security to companies in all energy sectors, from startups to global energy leaders.

## Business Challenges

**CHALLENGE** Using Esri ArcGIS Effectively in Land

**SOLUTION** Give Land Staff GIS Tools Built for Them

"We're a mid sized producer and we lowered our annual software costs by 40% this year by consolidating our A/P, financial & production accounting, land, project management, and reporting into Pandell's suite. We saw reduced costs in IT, data hosting, user support, and consultancy fees required to run the financial reports we needed. We also reduced our licensed users when our project activity slowed down."



**CHALLENGE** Preventing Land Rights from Expiring

**SOLUTION** View Dashboard and Automate Reminders

“Pandell software helps me stay on top of our 2,000 leases in multiple U.S. states. The system gives me a live snapshot of key data metrics such as developed versus undeveloped acreage, acreage or federal acreage by state, and the number of acres that are producing, HBP, or paid up. Also I get reminders as key dates approach.”

**CHALLENGE** Analyzing Mineral Rights

**SOLUTION** See Ownership Interests on Live 2D Maps

“We use rollup tools and dissection layers provided in our Pandell land system to quickly analyze and review the landowner mineral interest and working interest inside the map. It’s helpful that the map can be color coordinated to display a different polygon color (we use red) if the landowner or working interest is over 100%.”

**CHALLENGE** Tracking Well Locations and Status

**SOLUTION** Map All Assets for One-Click Analysis

“Pandell’s GIS toolset allows me to visualize my assets on the map. As we are continuing to drill new wells, it is critical to see where we have already worked. We can review our wells on the maps as well as the status of those wells. Having this information readily available at the click of a button helps us make quick resolutions.”

**CHALLENGE** Evaluating and Forecasting in Real-Time

**SOLUTION** Examine Rolled-up Dashboard Analytics

“My Pandell dashboard displays live charts and graphs that refresh whenever changes get made to our underlying dataset. This gives me confidence that I’m making decisions based on the most up-to-date lease information. Additionally, it’s helpful having our land data integrated with our GIS because I can spatially view the data knowing it’s verifiably aligned.”

## Benefits

### Web-based Source for All Land Agreement Information

- **Quick Find & Display** - Easily search and report on your mineral leases, deeds, easements, term rights-of-way, permits, contracts, and more from one database.
- **Online Access** - Get secure system access via the Internet, without having to install third party software. Mobile tools allow updates from the field.
- **Simple Navigation** - Easily navigate between the GIS, land records data, and scanned documents for rapid business analysis.
- **Verified Data** - Automatic audit controls and robust security options ensure the integrity of your data.

### Esri GIS Mapping Simplified for Land Staff & Non-Experts

- **Proven Technology** - Pandell pioneered SaaS delivery of GIS and land management system integration and maintains Esri Gold Partner status through 20+ years of collaboration.
- **Auto-Link to Layers** - Agreements, tracts and legal descriptions auto-link to GIS layers to streamline workflow.
- **Legals and Ownerships** - Automatically map legal descriptions and well bore ownership at time of data entry.
- **Fast Parcel Mapping** - Set of industry-renowned cartographic tools expedite the overall parcel mapping process.

### Automatic Payment Calculation & Digital Processing

- **Calendar Reminders** - E-calendar functionality tracks all payment obligations and delivers reminders to designated staff.
- **Escalation Management** - Records, calculates, and maintains audit history of scheduled and unscheduled escalations.

- **Digital Payments** - Allows electronic payment approvals.
- **Payment System Integration** - Digitally streamline payment workflow with your financial accounting processes.

#### **Real-Time Project Tracking and Stakeholder Communication**

- **Communication Hub** - Live web portal enables operators and field agents to communicate in real-time.
- **Centralized Project Files** - Cloud-based project repository for all land agreements and related documents.
- **Compliance Reporting** - Document landowner and community stakeholder communications for compliance reporting.
- **Workflow Activity Maps** - Project status maps designed to support multiple parallel workflows.

#### **Oil & Gas Reporting and KPI Dashboards**

- **3D Ownership Rights** - See a multi-layer, multi-dimensional representation of your sub-surface ownership.
- **Industry Reports** - Standard reports designed for the oil and gas industry let you track your rental payments, obligations, and acreage.
- **2D Ownership Maps** - View ownership in overlapping partial interest leases across your entire operating area, including rolled-up mineral, working and net revenue interest in a two-dimensional layer with no overlaps.
- **Export to Spreadsheets** - Advanced Excel reporting capabilities include pre-built templates for common reports.

#### **Full Scope Project Budget Management**

- **AFE Control** - Generate, approve, and track AFEs for the lifespan of your wells, facilities, infrastructure, and other capital projects.
- **Actuals and Forecasts** - Monitor AFE costs against budget by tracking AFE actuals and forecasting remaining costs.
- **Financial Integration** - Integrate with your financial system (SAP, Oracle Financials, Great Plains, and more) to share vendors, chart of accounts, payments, and actual costs.
- **Land & AFE Integration** - Integrate AFE management with your land system to communicate project status with land stakeholders in real-time.

## **Why Pandell?**

#### **Best Product Functionality**

Our state-of-the-art products enable office, field, and management to perform daily tasks with ease, connect workflows across departments, and make well-informed decisions based on powerful reporting analysis.

#### **Outstanding Customer Service**

From our top-ranked help desk and user training programs, to our product implementation, hosting, data migration, land record digitization, and mapping services; we have the most comprehensive value.

#### **Proven Technology Leadership**

With a significant portion of our revenues directed right back into R&D, we constantly evolve our product suite to support ongoing customer growth, shifts in regulatory standards, and advancements in digital technology.

#### **Future Focused**

We believe every Pandell software user deserves an awesome customer experience. Our focus on Technology, Hosting, Integration, and Support, underscores this belief and guides us in our ongoing work.

## **Software**

#### **Pandell LandWorks**

Oil and gas companies use Pandell LandWorks to manage land asset information. Its data integrity controls, land grids, and search flexibility enable you to capture, view, and report on leases and contracts.

### **Pandell GIS**

Pandell GIS fully integrates with Esri's ArcGIS Desktop Basic, ArcGIS Server Enterprise technology to facilitate land asset management through both desktop and web-based GIS analysis, reporting and document image display.

### **Pandell Projects**

Pandell Projects centralizes land acquisition project work. Producers and brokers can manage, map, and communicate all surface leases, third party agreements, and First Nations consultations over the web.

### **Pandell Crossings**

Pandell Crossings automates your right-of-way documentation so you can track agreements, generate detailed reports, and reduce admin workload. Capture GPS details and link documents over the web.

### **Pandell Connect**

Pandell Connect is a secure web portal for communicating requests and managing consent agreements. It centralizes consent requests by providing real-time status tracking, and end-to-end workflow with Crossings & Projects.

### **Pandell AFE**

Pandell AFE tracks and approves AFEs electronically over the web. Work on your AFEs from anywhere, filter and report on any combination of data criteria, and get your approvals done 85% faster.

### **Pandell AP**

Pandell AP manages your payable invoices through electronic receipt, coding, routing and approval. Cut invoice processing time by 60 to 70% and save money with vendor early pay discounts.

### **Pandell VP**

Pandell VP is the top ranked web portal for digital invoice submission. It extends AP and JV's financial validation tools, audit controls, and digital workflow to the supply chain in real time.

## **Our Clients**



For Pricing, Demos and More Information, visit

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