



Transforming Manual Journal Entries in Energy & Utilities with AI



Unlock Efficiency, Accuracy, and Insight with MindBridge

The Challenge

Manual journal entries pose unique risks for energy and utility companies, where the financial complexity of exploration costs, joint ventures, and operational scale make errors especially costly. Manual processes introduce inaccuracies that disrupt financial reporting, partner transparency, and compliance. Sampling-based reviews often fail to detect critical anomalies in high-stakes areas like capital projects and cost allocations, while supervisors waste valuable time reviewing low-risk entries. Meanwhile, the energy sector faces mounting pressure from stringent regulatory requirements, such as SOX, and volatile commodity markets, further emphasizing the need for greater accuracy and efficiency in financial controls.

The Solution

MindBridge revolutionizes manual journal entry controls by:

- **Analyzing 100% of Transactions:**
Achieve full coverage across high-stakes accounts, uncovering anomalies in exploration costs, revenue reporting, and joint interest allocations. This reduces costly errors, minimizes revenue leakage, and strengthens financial transparency.
- **Focusing on High-Risk Entries:**
Risk scores prioritize impactful reviews, enabling supervisors to address significant risks in operational cash flow and cost allocations. This saves time and ensures resources are focused where they drive the most value.
- **Automating Anomaly Detection:**
Advanced machine learning continuously monitors transactions to detect hidden risks, enhance SOX compliance, and create a robust control environment. This leads to better audit readiness and more efficient financial operations.

ROI & Financial Outcomes

By implementing MindBridge's MJE solution, energy companies can achieve:

- **Revenue Growth Acceleration**
 - Better Decision-Making: Insights enable finance teams to optimize strategic decisions and identify revenue-driving opportunities.
 - Improved Risk Management: Detect anomalies early, reducing revenue leakage from fraud or reporting errors.
- **Streamlined Cost Efficiency**
 - Time Savings: Automate reviews to scale oversight across millions of records without increasing workloads.
 - Resource Optimization: Reduce compliance costs and free supervisors to focus on strategic priorities.
- **Optimized Cash Inflows & Outflows**
 - Enhanced Financial Control: Ensure accuracy in financial data for cash flow management.
 - Faster Issue Resolution: Address anomalies proactively to prevent disruptions in operations or partner relationships.

About MindBridge

MindBridge is the pioneer and world's leading AI-powered transactional risk analytics platform. Established in 2015, MindBridge leverages artificial intelligence to analyze entire financial data sets, uncovering risks, errors, and fraud within organizations. As the first AI company to have its algorithms audited by Holistic AI, alongside SOC 2 Type 2 audits and various ISO certifications, we ensure unparalleled trust and confidence in handling sensitive financial data.



Holistic AI



Proof of Impact

In a real-world example, a large multinational energy company leveraged MindBridge to transform its manual journal entry processes, achieving the following outcomes:



Scaled Oversight:

Expanded journal entry reviews from 1,400 to 300,000+ annually, eliminating blind spots—without increasing headcount.



Enhanced Risk Detection:

Identified hidden anomalies across billions in transactions, preventing unnoticed risks.



Reduced Review Burden:

AI-driven risk scoring cut 350+ hours of supervisor time by prioritizing high-risk entries.



Optimized SOX Compliance:

Shifted to AI-powered, risk-based controls, improving efficiency and audit readiness.

These results demonstrate how MindBridge's MJE automation directly impacts financial operations, helping energy companies save time, reduce risk, and create a more robust control environment.

"This exercise led to not just a bit of efficiency savings, but a much more informative and accurate control environment."

Manager of Finance Digital Delivery

A top U.S. multinational in oil & gas

Ready to transform your financial processes?

[Schedule a demo](#) or [contact us](#) today to see how MindBridge can revolutionize your manual journal entry controls.