

CASE STUDY

Your LOE and LOS numbers are in BOLO. Your team cannot get to them without asking someone to run an export.

An independent oil and gas operator had its financial and production data locked inside P2 BOLO, a Linux-based production accounting system. Getting numbers in front of decision-makers required manual exports, spreadsheet assembly, and report requests that took days. Armely built a self-service BI platform from the ground up: a SQL Server data warehouse, an SSAS analytical layer, and Power BI reports accessible on desktop and mobile.

Does this describe your operation?

- Financial data lives in P2 BOLO, but only a few people can pull it out.
- LOE and LOS reports require a manual export-and-format process every time they are needed.
- Different teams work from different versions of the same spreadsheet with no single source of truth.
- Leadership reviews happen with last period's numbers because current data is not ready.
- When someone is in the field, the numbers are not accessible at all.
- Reconciling data from different exports consumes time that should go to analysis.

What Armely built for an independent operator

Context: An independent E&P operator with revenue, lease operating expenses, and production data in P2 BOLO on a Linux server. The system held what the business needed, but getting data out required technical access and manual effort.

What Armely built: A SQL Server data warehouse connected directly to P2 BOLO via linked service, an SSAS tabular cube for fast aggregations with defined security, and three Power BI reports (LOE, LOS, Financial) with scheduled automated refresh and mobile access through Power BI Gateway.

The result: The team pulls current financial data without waiting for anyone to run a report. LOE and LOS numbers are always current. Leadership reviews the portfolio from a phone in the field or a desk in the office.

Before	After
Financial data locked in P2 BOLO, accessible only to technical staff	SQL Server data warehouse connected directly to BOLO with automated ingestion
LOE and LOS reports required manual export and formatting each time	Three Power BI reports with scheduled refresh show current data on demand
Different teams worked from different versions of exported spreadsheets	One data warehouse, one analytical layer, one source of truth for the business
Leadership reviews used last period's numbers because current data was not ready	Reports show current data with automated refresh through Power BI Gateway
Numbers inaccessible when staff were in the field or offsite	Full mobile access to all three reports through Power BI mobile app
No security model: access depended on who could reach the files	Security defined at the SSAS cube level, controlling data access by user

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We look at your production accounting system, your current reporting process, and what a self-service BI platform would look like for your operation.

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