

CASE STUDY

You know your revenue. You know your payroll. You just cannot see both numbers in the same place at the same time.

American Surgical staffs providers across hospitals and surgery centers in Virginia and Florida. Revenue and payroll data arrived in separate Excel files every two weeks. Margin by provider and facility was invisible until someone manually assembled the picture. Armely built an automated pipeline and Power BI reporting system that shows profitability the moment the data arrives.

Does this describe your staffing operation?

- Revenue and payroll data arrive in separate files with no automated way to combine them.
- Margin by provider or facility requires manual reconciliation across multiple Excel workbooks.
- When a facility is undercharged or a provider is overallocated, you find out next cycle, not now.
- Files sit in email or shared drives until someone manually moves and processes them.
- There is no historical trend view to compare pay periods or track facility performance over time.
- Leadership makes operational decisions with week-old numbers because the data is not ready.

What Armely did for American Surgical

Context: American Surgical runs a multi-facility provider staffing operation. Payroll and invoicing data is generated from Surgical Cloud every two weeks. Both data streams moved through manual Excel files before reaching anyone who needed to make decisions.

What Armely built: An end-to-end automated pipeline. Power Automate captures files from email the moment they arrive. SSIS packages transform and load the data into a centralized SQL Server data warehouse. Three Power BI reports surface revenue, payroll, margin, and variance figures by provider, facility, and event type.

The result: Leadership opens one dashboard to see how every provider and facility is performing, by pay period or by month. Variance flags surface misalignments between payroll and invoicing automatically. No one waits for finance to run a report.

Before	After
Revenue and payroll in separate Excel files with no combined view	Both data streams in one data warehouse, connected to live Power BI reports
Margin by provider or facility required manual reconciliation each pay period	Profitability report shows margin by provider, facility, and event type on demand
Files emailed and manually transferred to shared drives before processing	Power Automate captures files from email and stages them on the server automatically
Payroll-to-invoice variances discovered in the next cycle, not in real time	Variance report flags misalignments with a notes field for resolution tracking
No historical view to compare pay periods or track facility trends	Pay period and monthly views with facility-level trend analysis built in
Leadership waited for finance to assemble a picture before making decisions	Self-service dashboard loads to current pay period automatically when opened

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We look at your current data sources, your reporting needs, and what an automated pipeline and live reporting layer would look like for your organization.

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