

CASE STUDY

Your team redesigned the database. The SSIS package that connects it to everything else still points at the old schema.

Sage Butte Energy's reserves, forecasting, and economics workflows all ran through a single Access database synced to Field Insights Lite via an SSIS package. The team had already built the new database schema. What they needed was the integration work: update the SSIS package, test every downstream connection, and cut over to production with zero unplanned downtime. Armely delivered it in 13 working days on a fixed fee.

Does this describe your migration?

- You have a new database schema ready, but the SSIS packages still reference the old field definitions.
- Downstream reports and tools connect via ODBC, and you are not sure which ones will break.
- There is no documented rollback plan if the cutover fails during business hours.
- Reserves, forecasting, or economics workflows depend on a data sync you cannot afford to interrupt.
- Nobody has mapped exactly which data flows reference the fields that are changing.
- The migration itself is done, but the integration layer is the part that breaks silently.

What Armely did for Sage Butte Energy

Context: Sage Butte Energy's CHP organization runs reserves, forecasting, and economics off one Master Aries Database (Access) synced to Field Insights Lite via SSIS. The team had redesigned and populated the new schema. The SSIS package and all downstream connections still pointed at the old one.

What Armely did: Mapped every data flow in the existing SSIS package before changing anything. Updated the package for the new schema. Ran four days of regression testing in staging. Built a documented rollback plan as a deliverable. Cut over during a planned low-activity window with post-deployment support to confirm all downstream systems.

The result: 13 working days, fixed fee, zero unplanned downtime. The Aries-to-FiLite sync runs on the new schema. ODBC-connected economics and reporting tools read the new fields without errors.

Before	After
SSIS package built against old schema, breaking on new field definitions	Updated SSIS package handles new schema with automated data generation process
No documentation of which data flows referenced the fields being changed	Full SSIS package analysis mapped every flow before any code changed
No rollback plan if the cutover failed during business hours	Documented rollback procedure delivered as a formal project deliverable
No staging validation before production deployment	Four days of regression testing in staging with a documented test report
Downstream ODBC connections (economics, reports) untested against new schema	Post-deployment verification confirmed all ODBC-connected systems operational
Cutover risk to reserves, forecasting, and economics workflows during business hours	Production cutover during planned low-activity window with zero unplanned downtime

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We look at your database migration, your SSIS packages, and what a safe cutover plan would look like for your environment.
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