

The Human Side of Intelligent Data Modernization

How Hunter and Xoriant combined engineering judgment with Microsoft Fabric and Claude.

Executive Summary

When Hunter began moving from JD Edwards to Oracle Fusion, the visible task was modernizing the platform. The harder task was carrying forward years of business logic embedded in SSAS cubes, SQL views and Power BI reporting.

A lift-and-shift would move the complexity however, manual translation meant slowing the speed of change.

Hunter and Xoriant chose a more intelligent path using Microsoft Fabric that unified the foundation and Claude that accelerated analysis and transformation, and human experts validated the meaning behind every critical output.

Key Requirements

Operating expenses reporting depended on JD Edwards data, SSAS cubes and SQL-based logic. With Oracle Fusion entering the landscape, both ERP environments had to work as one without breaking the Power BI experience or the rules behind it.

- One Trusted View:** Bring JD Edwards and Oracle Fusion data together.
- Reporting Continuity:** Keep existing OpEx reports working as expected.
- Scalable Architecture:** Create a governed Fabric architecture to scale beyond use case.
- Business Logic Intact:** Carry SSAS and SQL rules into the new foundation.
- Quality by Design:** Reconcile data, calculations and report outputs.

The foundation also had to preserve dimensional models, historical handling, currency logic and row-level security.

Voice of the Customer

“Xoriant’s use of Claude during our data platform modernization POC for the Operational Expenses use case helped accelerate the migration of legacy analytics assets while maintaining business accuracy and quality. AI-assisted development approach enabled faster delivery, improved productivity, and demonstrated a scalable, maintainable path for modernizing our OpEx analytics on Microsoft Fabric.”



Ruslan Bikkulov
Principal Data and Analytics Architect, Hunter Industries

Why Microsoft Fabric & Xoriant?

- Microsoft Fabric Unified Platform: OneLake, pipelines, notebooks, Lakehouse, semantic models and Power BI provided an integrated modernization foundation.
- AI-Assisted Engineering: Claude with the Microsoft Fabric MCP Server supported iterative analysis, validation and transformation of legacy logic.
- Xoriant Data Expertise: Data engineering, dimensional modelling, Power BI and migration capabilities were combined in one delivery approach.
- Hunter required a unified data model for OpEx reporting, dimensional modelling, historical handling, currency conversion and row-level security alignment.
- Quality Assurance: Validate data, calculations and report parity through reconciliation and iterative refinement.



Hunter Industries is a manufacturer of irrigation and outdoor lighting solutions worldwide. The modernization initiative focused on creating a unified data foundation for OpEx reporting across JD Edwards and Oracle Fusion, with Microsoft Fabric and Power BI as the target analytics platform. Its ERP transition raised a defining question whether OpEx analytics be modernized without losing the logic, accuracy and reporting continuity its teams trusted?

How Hunter Modernized Without Losing What Worked

Combining Microsoft Fabric expertise with AI-assisted engineering, Xoriant delivered a structured migration approach for modernizing Hunter's legacy analytics assets and supporting the ERP transition.

- 01

Connect both ERP worlds

Built metadata-driven incremental pipelines for JD Edwards and Oracle Fusion, with data validation, reconciliation, logging and error handling.
- 02

Translate Logic with AI in the loop

Used Claude and the Fabric MCP Server to analyze SSAS and SQL logic. Xoriant engineers validated the rules before implementing Fabric notebooks.
- 03

Engineer for Reuse with Medallion

Structured data processing across Bronze, Silver and Gold layers, supporting dimensional modelling, historical handling, currency logic and reusable transformations.
- 04

Protect Governance with Power BI

Reconnected the OpEx report to the new semantic model while preserving functional and data parity, Microsoft Entra access and row-level security.

The Outcome: A Future-Ready Data Foundation

Hunter proved that faster modernization need not trade away accuracy, continuity or governance.



Reduced Development Effort

Claude assisted analysis, validation and transformation across refinement cycles.



Scalable and Maintainable Platform

Layered architecture improved separation, reuse and maintainability.



Eliminated Anomalies

Automated Anamoly detection reduced failures substantially.



Accelerated Legacy Transformation

AI-assisted analysis streamlined conversion of SSAS and SQL logic.



Unified ERP Analytics

Harmonized JD Edwards and Oracle Fusion data for OpEx reporting.



Realized Business Accuracy

Iterative validation preserved analytical requirements and report parity.

Human judgment kept the transformation true. Applied AI with Microsoft Fabric helped it move further and faster, giving Hunter a foundation for what comes next.

About Xoriant

Xoriant is a Silicon Valley-headquartered digital product engineering, software development, and technology services firm with offices in the USA, UK, Ireland, Mexico, Canada and Asia. From startups to the Fortune 100, we deliver innovative solutions, accelerating time to market and ensuring our clients' competitiveness in industries like BFSI, High Tech, Healthcare, Manufacturing and Retail. Across all our technology focus areas-digital product engineering, DevOps, cloud, infrastructure, and security, big data and analytics, data engineering, management and governance -every solution we develop benefits from our product engineering pedigree. It also includes successful methodologies, framework components, and accelerators for rapidly solving important client challenges. For 30 years and counting, we have taken great pride in our long-lasting, deep relationships with our clients.