

Publicis Sapient + AWS

Energy Trading and Risk Management



Navigating complexity with agility and innovation

Volatility and disruption are now constants in the energy and commodity markets. To stay competitive, supply and trading organizations must modernize their operations and build secure, data-centric ecosystems that enable full-cycle visibility, automation, and advanced analytics.

Publicis Sapient, in partnership with Amazon Web Services (AWS), offers a flexible and scalable architectural framework designed to help energy companies turn market uncertainty into opportunity across multi-jurisdictional trading environments.

Breaking the Monolith in Energy Supply and Trading Systems

The energy sector is undergoing rapid transformation. Geopolitical tensions, inflationary pressures, and the energy transition are reshaping supply chains and market dynamics. Many organizations remain constrained by legacy, monolithic systems that are ill-equipped to handle cross-commodity trading, regulatory complexity, and the need for real-time decision-making.

These outdated platforms often:



Rely on rigid
architectures and
manual processes



Struggle with
scalability and
security



Create data
silos and hinder
collaboration

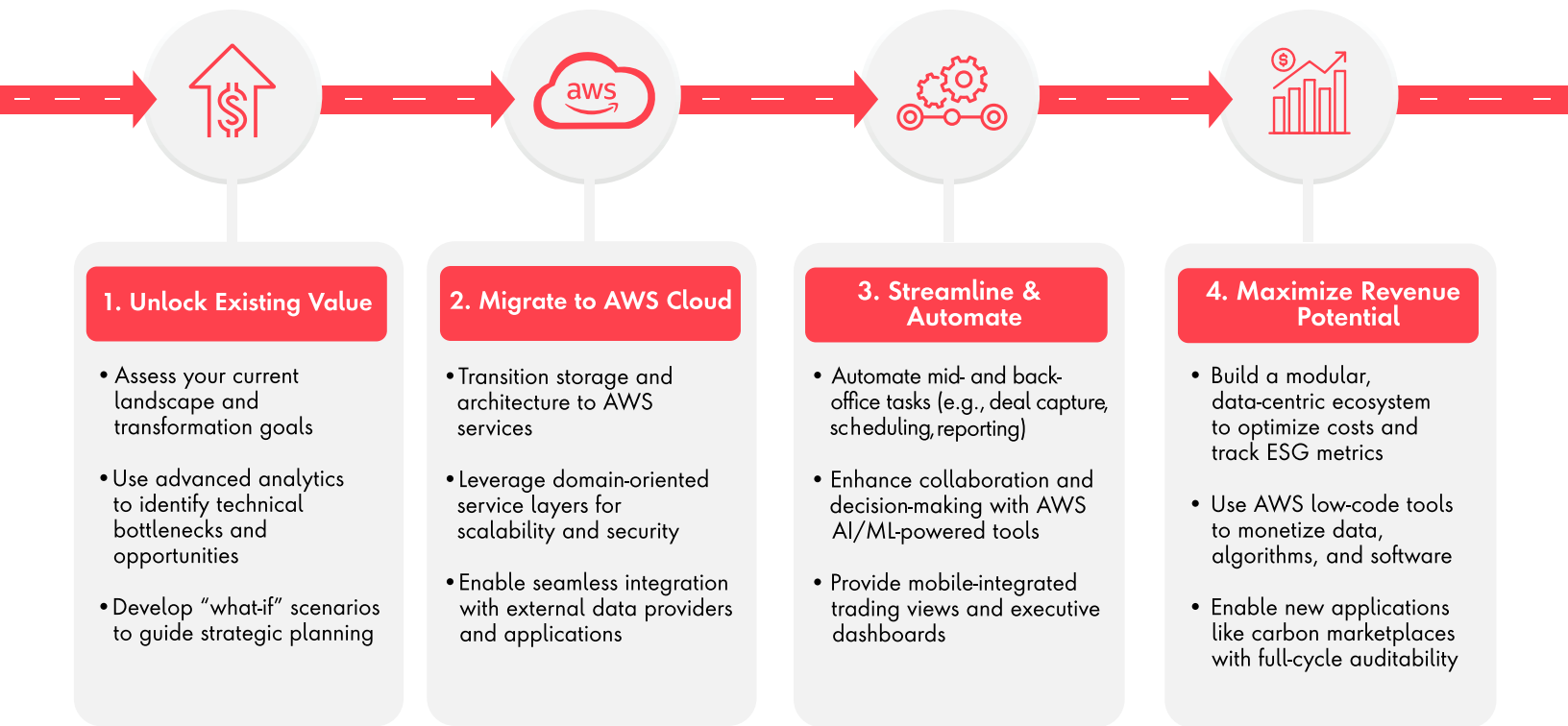


Increase operational
risk and compliance
exposure

To thrive in this environment, organizations need agile, cloud-native solutions that enable automation, real-time analytics, and seamless integration across the value chain. That's where Publicis Sapient and AWS come in.

Our Roadmap to Transforming Your Trading Ecosystem

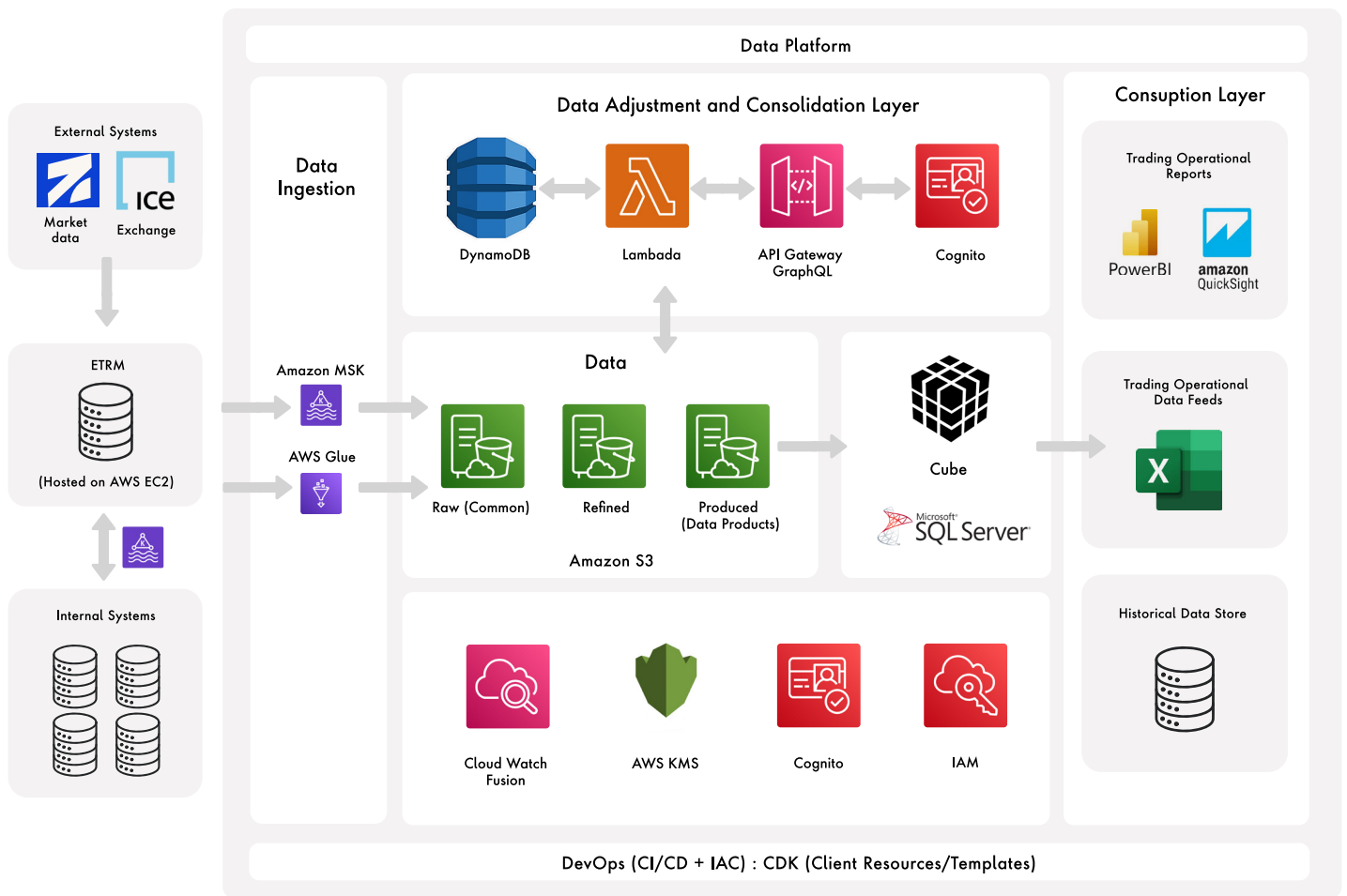
We help energy trading organizations modernize their infrastructure and unlock new capabilities through a four-step transformation journey:



AWS Energy Supply and Trading Ecosystem

AWS provides the most secure and comprehensive cloud platform for energy and utilities, enabling organizations to:

- Accelerate innovation with high-performance computing, AI/ML, and advanced analytics
- Optimize operations across upstream, midstream, and downstream workflows
- Modernize infrastructure with scalable, cloud-native solutions
- Break down data silos and unify operational and subsurface data
- Enhance sustainability through emissions monitoring, renewable integration, and energy efficiency
- Provide real-time visibility across trading portfolios and compliance regimes



Client Success Story

Client:

A top tier utility company

Challenge:

The client needed a next-generation Energy Trading and Risk Management (ETRM) system to support rapid business growth. Key requirements included scalability, robust security, and real-time data capabilities to enable faster, insight-driven decision-making across trading operations.

Solution:

A cutting-edge ETRM system was deployed, integrated with a modern data platform built on AWS cloud infrastructure. This solution enabled seamless data ingestion, processing, and visualization, ensuring high availability and performance.

Impact:

- The new system empowered the business to navigate economic volatility with greater agility and transparency.
- Previously manual and time-consuming processes—especially in areas like Renewable Energy Certificates (RECs), Inter-Retail Settlements (IRS), and Full Requirements contracts—were automated.
- Reporting capabilities were transformed from delayed, manual workflows to real-time and near real-time insights, significantly improving operational efficiency and decision-making speed.

Let's Connect

Learn more about our partnership with AWS and how we can help you modernize your energy trading and risk management systems.

Visit our [AWS partner page](#) for more information.

Why Publicis Sapien

Publicis Sapien is a digital business transformation company. We partner with global organizations to help them create and sustain competitive advantage in a world that is increasingly digital. We operate through our expert SPEED capabilities: Strategy and Consulting, Product, Experience, Engineering and Data, which combined with our culture of curiosity and deep industry knowledge, enables us to deliver meaningful impact to our clients' businesses through reimagining the products and experiences their customers truly value. Our agile, data-driven approach equips our clients' businesses for change, making digital the core of how they think and what they do. Publicis Sapien is the digital business transformation hub of Publicis Groupe with 20,000 people and over 50 offices worldwide. For more information, visit publicissapien.com.