

Empowering Swift Quote Generation Process and Customization

How Xoriant ORIAN Optimized Quote Generation Process Workflows

The client is a global Engineering Manufacturing Company which manufactures various engineered products for power, oil, gas, chemical and water.

Challenges

Our client faced operational hurdles due to the manual nature of entity extraction, which consumed valuable time and resulted in lengthy turnaround times. Additionally, the complexities of their interfaces posed challenges for smooth batch processing and verification processes. Their processes required optimization to enhance outcomes.

Time consuming manual extraction, resulted in high turnaround time.

Lack of user-friendly interface hindered batch processing and verification.

Lacked a streamlined notification system for stakeholders' progress updates.

Solution

Xoriant's tailored solution automated the product quote process workflow, improving the quote generation efficiency. Conducting classification, data extraction, and quality checks, it converted diverse document formats and utilized HITL verification. Quote Output consolidated fields for streamlined validation by Sales Support.

Customized

Xoriant solution streamlined client workflow, automating quote generation for efficiency

Enhanced

quote generation efficiency through document classification, data extraction, and quality checks implementation

Implemented

procedures to convert varied document formats like Email, Excel, Word, and PDF.

Incorporated

table and label-value pair extraction techniques for precise information capture.

Established

a system correlating RFQ and PDS via item tag numbers, with HITL verification for review.

Streamlined

workflow with Sales Support verifying and approving Excel output, enhancing quote generation efficiency seamlessly

Business Value



Achieved

80-97% accuracy based on the quality of the document and complexity.



Slashed

processing time from **45 to 5 mins** for verifying 33 extracted fields per item tag number.



Improved

client efficiency by enabling rapid RFQ and HITL processing, saving time and effort.

Technology Stack

Generative AI | LLM | Python | React JS | MongoDB | Flask | Nginx | Ubuntu

Xoriant provides advanced technology solutions and software development services for global banks, software product companies and F500 market leaders. Based in the U.S. with 18 global offices and 5000+ engineering professionals, Xoriant demonstrates exceptional experience in banking and finance infrastructure modernization and cloud migration. We deliver expert digital engineering, as well as offsite and offshore services, across high tech, healthcare, pharma, industrial manufacturing, telecom, and automotive sectors. Customers credit technological innovation and delivery excellence for our shared success over three decades.