

# Streamlining **Logistics & Boosting Cash Flow** with IDP at G3 Enterprises

## About G3 Enterprises

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G3 Enterprises, a leader in agri-logistics for the wine industry, plays a pivotal role in the grape hauling process in California. Annually, during the grape harvest season, G3 manages thousands of shipments, facilitating the transfer of grapes from vineyards to wineries.

## Executive Summary

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In the fast-paced world of agri logistics, delays can be costly. For G3, automating the data extraction and entry process was not just a matter of improving efficiency – it was about ensuring the company's financial health and strengthening its position in the market. The implementation of the IDP solution showcased the immense potential of automation in addressing core business challenges and driving growth.

## The Challenge

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With each shipment, two crucial documents are generated: the Bill of Lading (BOL) and the Weight Tag Certificate. These documents carry vital information, such as shipment details, weight of the commodities, transporter details, and more. Historically, data from these documents was manually entered into the Oracle Transport Manager (OTM). Given the sheer volume - with over 10,000 shipments in peak season - this manual process introduced a substantial delay. It took two months, on average, to enter all the data. As a result, G3 faced a significant lag in raising invoices for payment, which introduced severe cash flow challenges. In a business where timely operations are crucial; this delay was unsustainable.

## The Solution

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Understanding the gravity of the issue, G3 turned to IDP (Intelligent Document Processing) to automate the manual data extraction process and the subsequent entry into OTM. The IDP solution was designed to extract data from both the BOL and the Weight Tag Certificate seamlessly. With this automation:

- Data extraction became instantaneous
- Errors from manual data entry were drastically reduced
- Real-time data updates were enabled in the OTM

## The Outcome

Post-implementation of the IDP solution, G3 witnessed a transformative change in their operations:



### Real-time Data Entry

What once took months was now done in near real-time. The rapid processing allowed G3 to raise invoices immediately after the data was updated in the OTM, thus vastly improving their cash flow.



### Enhanced Accuracy

Automation eradicated the chances of human errors, ensuring the data entered was accurate, which further reduced any potential disputes or discrepancies.



### Operational Efficiency

With automation handling the bulk of the work, G3's workforce could focus on other strategic areas, improving the overall efficiency of their operations.

## AWS Services Used

The Amorphic solution is deeply integrated with the AWS ecosystem, leveraging over 60 native AWS services. Some of the key AWS services used include:

Amazon S3, AWS Glue, Amazon Athena, Amazon QuickSight and AWS Bedrock. In addition to these, the Amorphic platform utilizes a wide range of AWS services across categories like compute (Lambda, Step Functions), analytics (Redshift, Kinesis), security (IAM, KMS, CloudTrail), and monitoring (CloudWatch, X-Ray), ensuring a robust and enterprise-grade architecture.

## About Cloudwick

Cloudwick is an AWS certified Advanced Consulting Partner that specializes in building native data lakes that power faster, cheaper and more agile cloud analytics for IT, business users and data scientists. Whether you need to migrate your analytics to the cloud, add decision automation to your business intelligence, improve customer experience with machine learning or want to build or buy a data lake Cloudwick has a complete portfolio of services and solutions.

## Next Steps

Start small, achieve quick wins and build a scalable data foundation powered by AI and automation. Contact Cloudwick at [sales@cloudwick.com](mailto:sales@cloudwick.com) for a demo.