



DAILY ALLOCATION

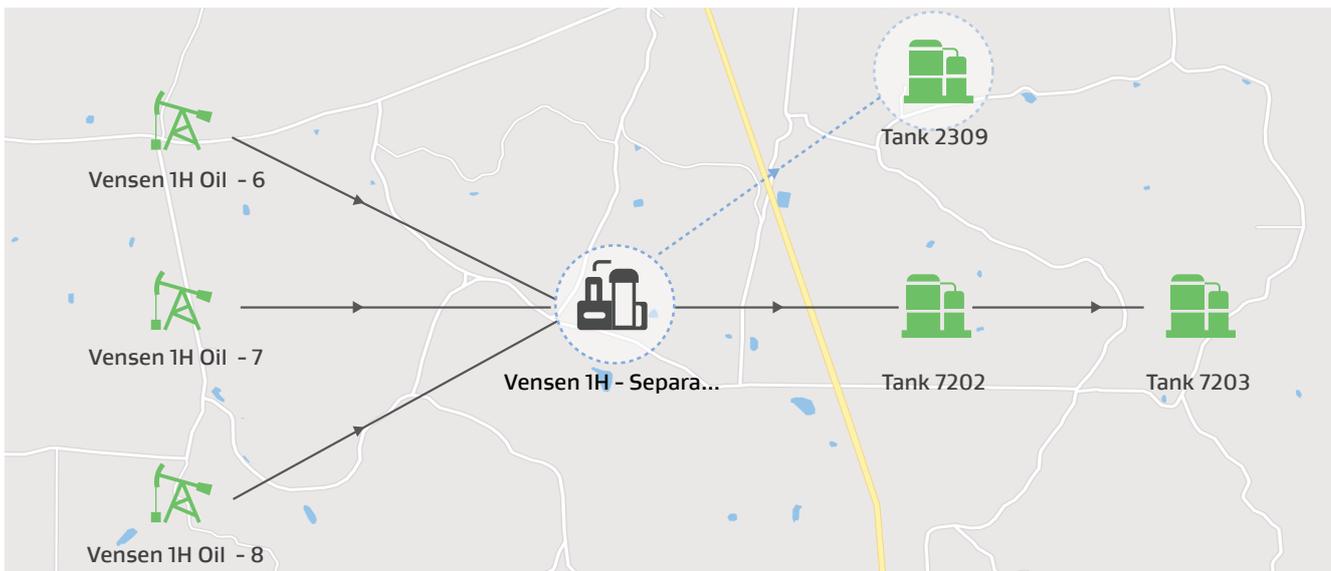
Automating Well Volumes in Near-Real-Time Saves Two Hours or More per Day

The Data Quality Challenges of Manual Data Capture

Before JOYN, lease operators captured production data on site in batches, then manually loaded the data into a legacy production accounting application at the end of each shift. It was a time-consuming process that was constrained by manual work. But beyond this, the processing of that data by the Production Accounting team was highly subject to exceptions caused by missing or incorrect data, meaning delays of days or weeks.

There was only one fix: production accountants would track down lease operators through messages and phone calls, asking that readings be taken or retaken from specific wells. This disrupted the schedules and workloads of both workers, ultimately exacerbating the problem. (Which lease operator rushes to return a production accountant's call?). While the production accounting allocation itself was automated with a legacy application, that application – totally reliant on human intervention when exceptions occur – is at the mercy of manual data capture, manual data entry, and poor data quality. For the exacting calculations required of production accountants, simple, brute force automation isn't enough.

USE CASE



Intelligent Validation and the Cloud Provide Quality Data in Near Real Time

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JOYN Production Allocation is a decisive solution to these data quality and data entry challenges, equipping production accountants with an allocation engine powered by reliable, good quality data, saving them hours each day. With JOYN, as relevant tank and meter volumes are measured the data is auto synced to the cloud.

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The JOYN Production Allocation app validates that data for quality and sufficiency and makes an immediate judgment. If the data is complete, the allocation engine generates an allocated volume that is transmitted to the field app in near real time. Missing or anomalous data is rapidly flagged for the Lease Operator's attention so corrective actions can be taken on the spot.

Two Hours or More Per Day are Saved for Production Accountants

With JOYN, production accountants save hours of time that would otherwise be spent directing a Lease Operator to return to a site and take new measurements and ensure there is accurate data in the system before the scheduled allocations run. Near real time validation, in partnership with the Cloud, allows the production accountant to begin working with accurate data almost immediately.