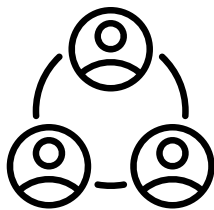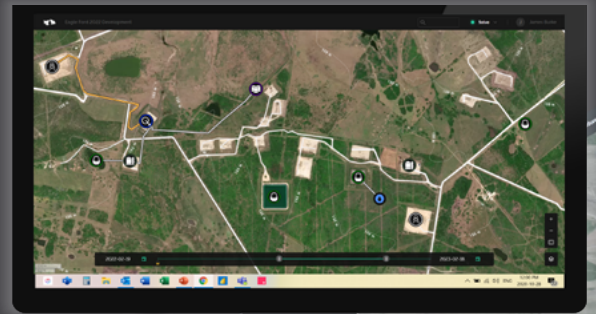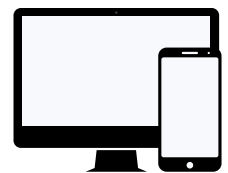# barreleye

Full Lifecycle Water Management Solution

Barreleye is the first-of-its-kind, all-in-one, fully integrated water lifecycle management platform. This single collaborative cloud-based SaaS application boasts an industry-leading user experience that integrates into your existing workflows. Dubbed as the most alluring oil & gas software on the market, Barreleye's dedication to reaching new heights in water efficiency sets us and our customers apart as the digital transformation leaders in water management. We are the one-stop shop for operators of any size.
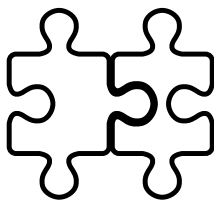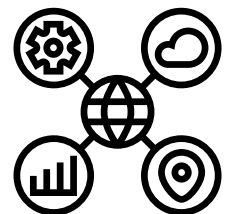
Single Collaborative Platform

Cloud-Based SaaS

Industry Leading User Experience

Integration with Existing Workflows

Regulatory Compliance and ESG Metrics

Digital Transformation

Control Expenditures & Optimize Water Use with our Full Cycle Water Management Software

MAP BASED ASSET MODELING

Barreleye features a map-based modeling interface, enabling users to visualize all water movement through the network. Each water source, sink, and storage can be modeled including all related constraints in each asset. Model all network types including unconventional, disposal, waterflood, and in-situ plays.

Whether you are pulling water from a reservoir, river, existing wells or from your recycled water facility, you can ensure each water source is modeled accurately and all water is tracked and accounted for. Whether you are disposing of water to your own SWD's or 3rd party takeaway, ensure it's modeled correctly now and in the future increasing efficiency and, saving you time and money.

MATERIAL BALANCE ANALYSIS

Manage water in all categories including for new development, existing produced, disposal and recycled for the lowest possible LOE all within one software. Utilize Barreleye's material balance analysis to manage water in the field while optimizing your plans today and forecasting well into the future.

Worried about when you'll have too little or too much water for your storage pits? Differentiate yourself amongst your peers by running material balance analysis on your existing operations providing accurate insight into your water metrics next week as well as 5 years from now.

WATER FORECASTING

Input water volumes for all source types on a daily level and roll these up monthly, quarterly, and annually for ongoing and accurate forecasting. This feature allows Barreleye users to plan more efficiently as these forecasts can be created for any water source in the model and fully represent all water sources that exist in upstream energy operations.

Barreleye makes it possible to easily manage forecasts for rivers, existing oil & gas wells, new wells, storage pits and even flowback.

COST MANAGEMENT

Manage all types of costs in your water model with ease and maximized flexibility. Barreleye can replicate your internal cost structure and match your budgeting and accounting requirements ensuring familiarity and eliminating the need to tweak your data once it's exported.

With Barreleye's cost management capabilities, your water cost inputs and outputs are organized and exported in exactly the format you need, ensuring transparency throughout your organization. Integrate seamlessly with field cost reporting and accounting software that fit within your internal workflows.

Save Time and Money with Barreleye Today

SCENARIO MANAGEMENT

With Barreleye's scenario management capabilities, you can run an unlimited number of scenarios and transform your water planning from reactive to proactive. Eliminate the stress on water teams by giving them a tool to easily communicate changes in water costs for every development scenario.

Instead of wasting weeks in error prone excel models, your team can leverage Barreleye's innovative reporting solution to compare scenarios, analyze results and share them with the entire organization within minutes.

WATER OPTIMIZATION

Barreleye's proprietary solver optimizes plans while providing the user with ultimate flexibility to replicate all water movement in the network. Create customized plans then optimize to find the most cost-effective solution incorporating all requirements & constraints that exist in your field.

Gain full control over your water by optimizing movement to ensure the most accurate plan for the lowest LOE water cost. Barreleye's friendly UX design allows the user to maintain full control while reaping the benefits of this intelligent, state-of-the-art AI inspired solver.

ACTUALS MANAGEMENT

Barreleye's actuals management capabilities provides one source of truth for all water by storing actuals data for each model in one single system. By accurately tracking daily and monthly water usage, Barreleye makes it easy to ensure standardized reporting, regulatory compliance and ESG metric tracking.

By consolidating water data from multiple products into a single platform companies will eliminate confusion and reduce errors.

IN-FIELD DATA CAPTURE

With Barreleye's user-friendly, fully integrated mobile app, field staff can securely receive instructions on haul assignments, then in real-time, record each water movement. This data is then automatically uploaded to the desktop application for tracking and reporting.

This eliminates the cumbersome, manual process of written logs which is time consuming, error prone and inaccurate. This feature automates in-field data capture for trucking and pumping while removing the requirement for third-party vendors in the field.

INNOVATIVE REPORTING

Barreleye utilizes OData for all reporting, to ensure users have complete flexibility on how, when and where they want to see their data. With this innovative approach, data is readily available for users to access and analyze.

A complete set of standardized and comprehensive reports is provided which are fully customizable to tailor to each user's unique reporting requirements. This ensures each company maintains control and gives them the tools to manage and create all-encompassing reports with industry leading flexibility.

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