

UNIFIED EMISSIONS

POWERED BY PETROBRICKS

Emissions monitoring in the modern oilfield is a complex data challenge. Operators typically employ systems in 3 major categories:



CONTINUOUS MONITORING
Kuva, Earthview



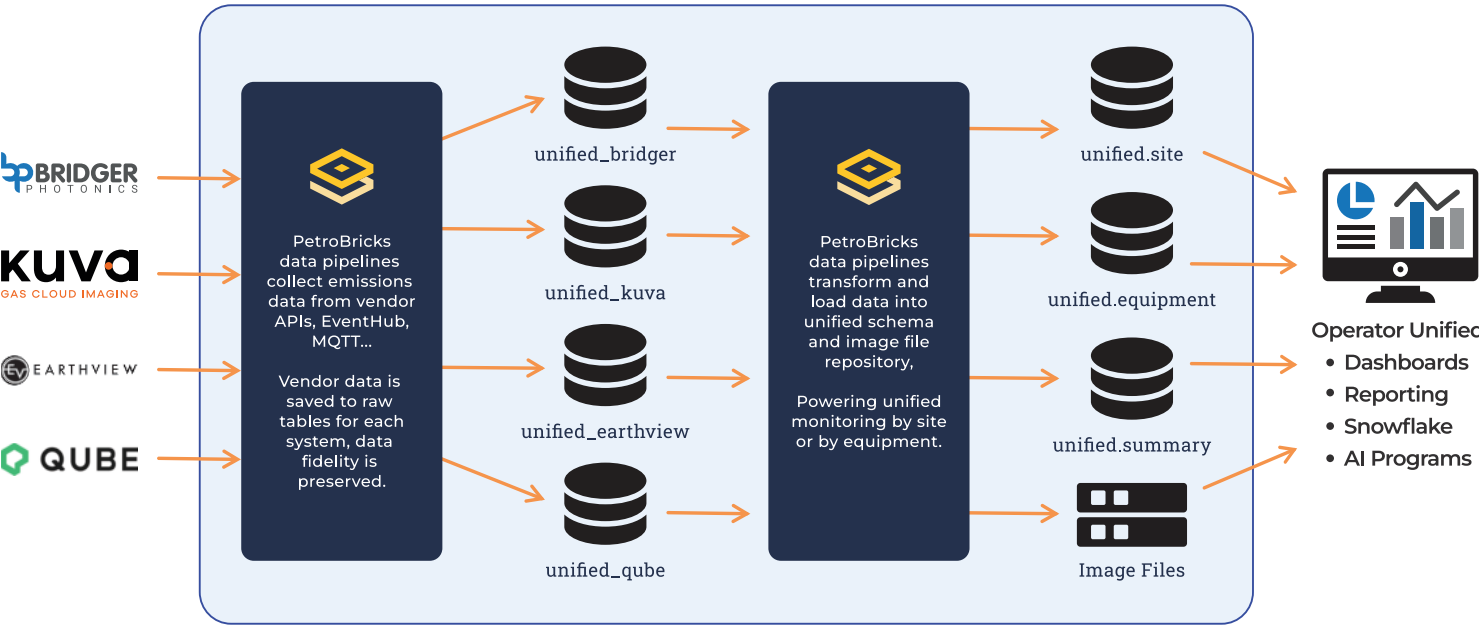
AERIAL FLYOVER
Bridger Photonics, InsightM



SATELLITE
Carbon Mapper

Most operators use multiple vendors across these categories. The result is a patchwork of fragmented data systems, different data formats, different update frequencies, and different ways of referencing the same sites and equipment —making unified monitoring and AI initiatives difficult.

PetroBricks Unified Emissions is a turnkey customizable solution for oil & gas operators who want a centralized view of emissions while preserving the full detail and granularity of every vendor’s raw data.



WHAT YOU GET ON DAY 1

- ✓ Unified summary emissions data across all systems.
- ✓ Complete retention of vendor raw data for audit, investigation, and compliance.
- ✓ Clean, consistent data pipelines ready to power AI, analytics, and reporting.

PETROBRICKS PROVIDES EVERYTHING YOU NEED TO GET UP AND RUNNING

- ✓ Ready-to-run database scripts for your preferred platform
- ✓ Pre-built PetroBricks data pipelines
- ✓ Hands on support to ensure your success

COMPARING ALTERNATIVES

THE COMPETITIVE MATRIX

Here's how PetroBricks compares to the most common approaches operators use to solve the data integration problem: internal developers, contract developers, and third-party tools such as Fivetran and Power Automate. **If the goal is to build your core business instead of building software, the choice is clear.**

	 PetroBricks	Build It Yourself or Contract Developer	PowerAutomate, Fivetran, AppFlow/Glue
From Zero To Data Pipeline Deployment	✓ 1-6 days 90x faster	✗ 3-18 months	✗ 3-18 months
Level Of Effort For Operator	✓ Heavy lifting handled by PetroBricks.	✗ Operator/contractor spends months learning APIs for every 3 rd party system.	! Connectors exist for some systems, still requires significant learning.
Programming	✓ No coding required. Leverage pre-built connectors.	✗ Extensive coding. You're in the custom software business.	! Still requires significant custom code.
Maintenance As APIs Change	✓ Handled by PetroBricks, you just deploy the latest version.	✗ Code must be maintained, developers re-engaged.	! Partial support, but custom code must be maintained.
Data Security & Data Autonomy	✓ Your PetroBricks node runs in your environment, even at the edge.	✓ Most likely runs in customer environment or private cloud.	✗ Your confidential data runs through 3 rd party cloud.

LARGE UPSTREAM OPERATORS GET THE MOST FROM PETROBRICKS.

Companies that have gone through multiple M&A cycles and now operate in highly complex data environments.



Devon Energy was customer #1 and has run PetroBricks in production for 3 years.



114 Connectors to oil and gas data systems.



Proven Enterprise-Scale. Customers are processing 1 Terabyte per day of operational data through single PetroBricks Node.

"PetroBricks lets us do a lot more with our existing workforce and focus them on the tasks that create the most value for our business"

PetroBricks Customer, Large Independent E&P

