

A photograph of three business professionals (two women and one man) sitting around a table in a meeting, engaged in conversation. The image is overlaid with a blue tint. The text 'Data for Breakfast' is written in a white, cursive font across the center of the image.

Data for Breakfast





PAYLOAD

www.payload.com

Payload Data Sharing

Intelligent Logistics ↔ Informed Business



About

Built in collaboration with industry experts and customers, Payload adds value from senior executives to field teams.

Based in Calgary, Alberta, Payload is an easy to use web and mobile based application for logistics and supply chain management. We deliver greater visibility, reduce accruals and admin time, and help you operate more efficiently and effectively with your service providers.

Our team includes oil and gas industry veterans and software experts to understand and fulfill customer needs.

PAYLOAD



Here's how it works



Order

Order what you need from Vendors you know and trust.



Track

Track status of orders and events.



Verify

Check and verify orders for faster Carrier payments.



Report

Report on activity. Build automated reports for systems such as ProdView and WellView and Energy Component Reporting.

Payload Value

Payload is an easy to use web and mobile based application for logistics and supply chain management. We work with companies to deliver simple, accountable logistics tracking and reporting. Companies look to Payload when seeking to save money and create efficiencies by:

- Increasing visibility with transparency into historical and real-time operations – improving non-productive time;
- Improving Health, Safety and Environment standards with real time alerts and issue reporting;
- Optimizing workflow and simpler rate management;
- Reducing contracting detention and wait time costs with better data quality and accuracy;
- Increasing the accuracy of invoices and volumes moved;
- Enabling quick access to key documents such as Material Safety Data Sheets, Road Use Agreements and manifests in the office or on the road;
- Decreasing the paper process bottlenecks and creating insight into vendor accessorial costs associated with production; and,
- Eliminating manual work by automating energy component reporting.

BEFORE SNOWFLAKE



Snowflake has enabled Payload to provide enterprise grade BI and data sharing solutions, cost effectively.

Christopher Lambert
Chief Technology Officer



Scenario

Data hosted in Heroku/postgres, transactional database and follower database accessed directly for reports.



Pain Points

Slow Reports
Complex Data Management
Costly to Scale
Custom Dev for Data Sharing
Potential to Impact System Performance

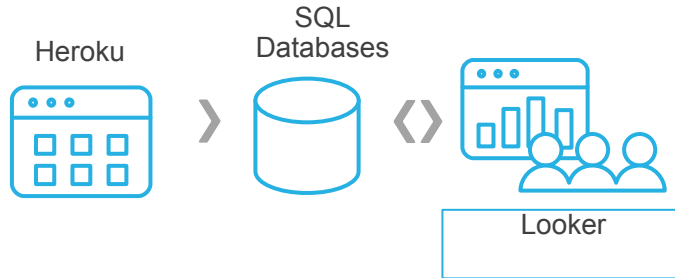


Solution

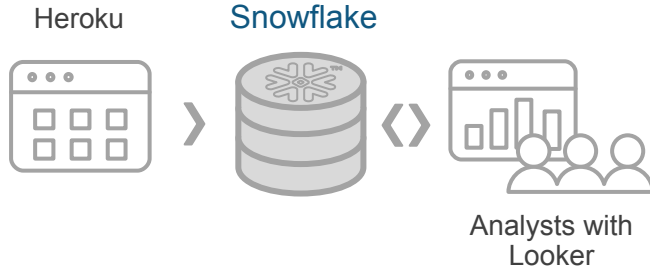
Data migrated into EDW (Snowflake), only 90 days stored in transactional system and reporting moved to EDW.

OUR SITUATION BEFORE

BEFORE



AFTER



Previous bottlenecks

Reports Slow

Costs of DB Increasing Exponentially

Data Management Complexity

Custom development to build data sharing options

Snowflake value

3m Report -> 8s Report on XS

Fixed Costs @ 90 days, Inexpensive Long Term

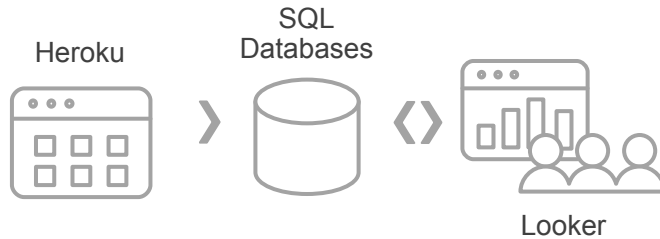
Can easily be managed as a partial FTE

Data sharing works out of box, if in same region customer credits can be used instead of providers

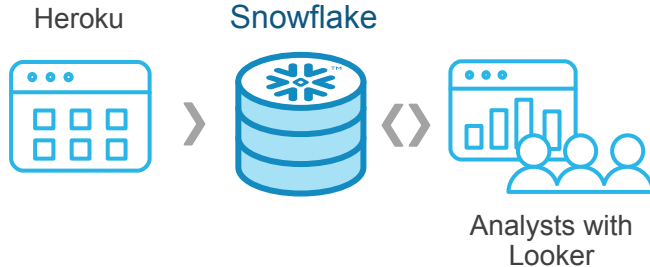


OUR SITUATION AFTER

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SAAS IS ABOUT INTEGRATING

PAYLOAD

The software industry, in any field - has changed from bespoke and custom software development as the primary vehicle of functionality to SaaS products which require integrations to work together effectively.

- Initially this process really came down to process alignment between organizations and file exports and flat file drops.
- Currently the focus is more on functional integrations, where we use REST/JSON and similar API strategies to exchange data.
- The future is going to be focused on lightweight integrations which are turnkey - Snowflake offers this option where customers can more easily share data in a secure way without impacting system performance.



CLOSING THOUGHTS

Data warehousing has become accessible to any sized company at any stage in its growth.

- Typical EDW solutions are very expensive, both in terms of technology costs and the people to manage them.
- Accessing data across system boundaries can be troublesome, dealing with DMZ's, different core security protocols and proprietary data formats.
- Snowflake is a solution to these problems, it enables companies to share data and provide a higher level of service to their customers.
- Using an EDW can free up transaction system resources and provide new options in doing analytics and AI over large volumes of data without the cost and system slowness.



THANK YOU

Data for Breakfast

