

Volkswagen Pon Financial Services Case Study



Summary

[Volkswagen Pon Financial Services](#), based in Amersfoort, Netherlands, offers automotive financial, insurance, lease and mobility products. With over 180,000 lease contracts in their portfolio, they are one of the largest lease companies in the Netherlands. They consist of two strong shareholders (Volkswagen Financial Services AG and Pon Holdings BV) that provide a solid foundation for their organization servicing both business and private customers.

Recently the organization is certified as a Great Place to Work.

Lease services

With its lease products Volkswagen Pon Financial Services make means of transport of all brands accessible to everyone. In this way they offer an ideal lease product for everyone: from operational, business lease to private lease, from car to bicycle.

Business lease

Volkswagen Pon Financial Services is fully responsible for the financing, maintenance, insurance, and depreciation risk of their business customer's fleet. The lease car is not on the customer's balance sheet, so that they can also make optimum use of their liquidity position for the company. As an entrepreneur and fleet manager, with Full Operational Lease Volkswagen Pon Financial Services customers are assured of carefree leasing, including the best service. For a fixed monthly fee, the mobility of Volkswagen Pon Financial Services customers and their employees is guaranteed, 24 hours a day, seven days a week.

Managing fleets

Fleetinfo is a B2B portal, which customers (mostly Fleet managers) use to gain insights into the current fleet.

Volkswagen Pon Financial Services had its current solution for managing fleets that required a license renewal, and since it was running on an outdated version of a CMS, additional costs for upgrading. On the other side, the current solution was not the only platform for Volkswagen Pon Financial Services customers to receive reports. Different kind of reports were being sent from various sources, making customers annoyed and their experience unsatisfactory. Having in mind the management costs for those sources, Volkswagen Pon Financial Services wanted a new Fleetinfo solution which would implement customer needs faster.

Serverless solution for data processing

The data platform is built based on AWS infrastructure, using managed services provided by AWS. Bespoke branding per customer label is applied to the Fleetinfo B2B portal.

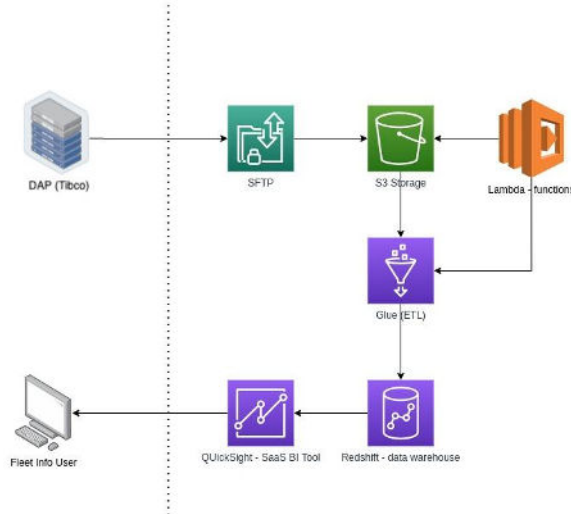
About Volkswagen Pon Financial Services

Company: Volkswagen Pon
Financial Services
Industry: Auto-moto &
Country: financial
Employees: Netherlands
Website: 500 - 600

**Volkswagen Pon
Financial Services
offers automotive
financial, insurance,
lease, and mobility
products.**



Via RedHat SSO, customers of Volkswagen Pon Financial Services login with Two Factor Authentication (2FA) via a secure SingleSignOn portal. An event-driven environment is created where the data pipelines are ensuring that the extracted data is ingested and visible in the **AWS QuickSight** dashboard. Data resides in **S3 buckets** and **AWS Redshift** data warehouse while data processing is using managed services (**Glue and Lambda**).



Data collection – In this process Volkswagen Pon Financial Services is extracting data from their TIBCO platform and then delivering files to a dedicated **AWS S3 bucket**.

Data ingest - Once a file is uploaded to the **S3 bucket** lambda gets triggered. The **lambda** function performs a verification process to confirm that all of the required files have been uploaded. **AWS Glue** job then performs data transformations required for data loading into **AWS Redshift** cluster.

Data storage - Data is then stored in an **AWS Redshift** cluster.

Data analytics - **AWS QuickSight** is used as a BI tool which provides customizable dashboards(reports). **AWS QuickSight** dashboards are embedded in a FrontEnd application. Data is loaded from **AWS Redshift** once per day when all the previous processing is done, and data is ready for reports.

Outcomes

This new solution makes the generation of new reports easy, by using the Enterprise version of QuickSight. 4000 users are expected as daily users and 20,000 as ad-hoc users. This solution is more scalable and secure and allows for endless scaling in terms of users. The report generation is not affected by the number of users. The process of creating new data is fully automated. 7GB of data is ingested on a daily basis.

About Levi9

Levi9 is a nearshore technology service provider with around 1200 employees and 65+ customers. We specialize in custom made business IT – 95% of our work is on the revenue side of our customers. This is where time to market, high

