



FEDERATED AUTO PARTS **CASE STUDY**

MAY 2016

CLOUD BASED, STORE WIDE INVENTORY CATALOG SERVICES

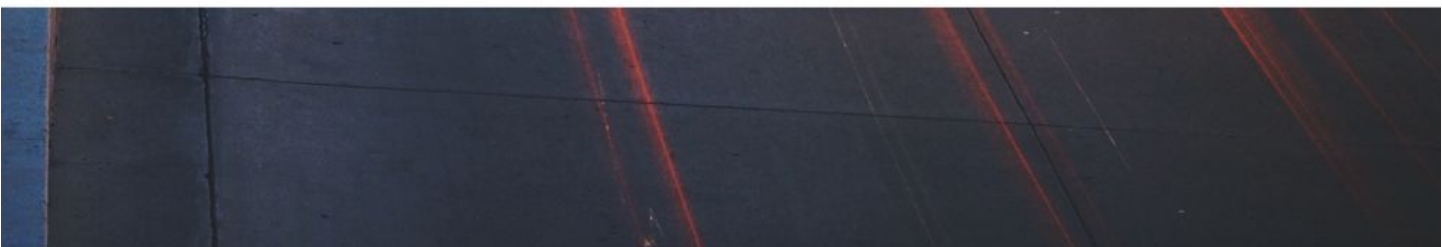


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Customer Profile

*Federated Auto Parts is a nationally known auto parts distribution network with over **4,000 Auto Parts stores** across the country.* Federated strives to provide both the trained professional and the do-it-yourselfer with quality products that meet or exceed O.E.M. specifications and are made by America's top automotive part manufacturers.



Case Overview

Federated Auto Parts needed to implement a versatile and reliable way to host and support the catalog service powering their over 4,000 auto parts stores' inventory with up-to-date retail product information. Additionally, their IT department needed the ability to be able to monitor the deployment of parts to the online catalog allowing them to adjust to the needs of the traffic coming from different zones.

Why Amazon Web Services?

After working with AximCloud to review a number of different Cloud service providers, Federated Auto Parts selected Amazon Relational Database Service (Amazon RDS) for its online catalog service persistence layer. Amazon RDS made it easy for Federated to set up, operate, and scale a relational database in the Cloud.

AWS RDS provides cost-efficient and resizable capacity while managing time-consuming database administration tasks, allowing Federated Auto Parts to focus on providing quality parts and services to its customers.

Solutions

- AximCloud migrated the customer's Parts Catalog Service infrastructure to Amazon Web Services (AWS).
- Federated Auto Parts' priorities in choosing a Parts Catalog Service platform included:
 - Secure, scalable and extensible infrastructure
 - High availability requirements
- The Federated Auto Parts infrastructure team was:
 - Provided verbose technical system documentation; and
 - Onboarded to their dedicated **Managed Support Customer Portal** as a conduit for ongoing operational workstreams

Benefits

Federated Auto Parts worked with AximCloud to execute extensive load testing to determine the most appropriate solution to meet the needs their dynamic usage conditions. Employing AWS Cloud based infrastructure allowed Federated Auto Parts to focus on sales goals instead of infrastructure:

“Working with AximCloud, we were able to build redundancy and high availability into the web platform and set up Amazon RDS Multi-AZ across several Availability Zones. Our expectation – and that of our customers – is that the online catalog will be functioning and up-to-date whenever they need it and it is.”

-- Federated Auto Parts

HOW TO CONTACT A CLOUD SPECIALIST

If you would like more information about the Amazon Web Services Public Cloud or Web Property hosting infrastructure to serve variable user populations - please send your request to:

business-development@aximCloud.com