

CASE STUDY



The Most Accurate Vehicle Management and Reimbursement Platform Available

ORGANIZATION:

For companies with mobile workers that drive more than 5,000 business miles per year, Motus is the most accurate vehicle management and reimbursement platform available. Through its sophisticated configuration engine that incorporates real-time data across hundreds of variables, Motus drives significant reductions in cost, ensures compliance and reimburses employees exactly what they deserve.

CHALLENGE:

Finding a partner with AWS experience who could invest time and energy into learning about the company's unique microservices architecture.

SOLUTION:

Datapipe Managed Cloud for AWS



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PROVIDING ADDITIONAL SECURITY TO MANAGE AWS ENVIRONMENTS

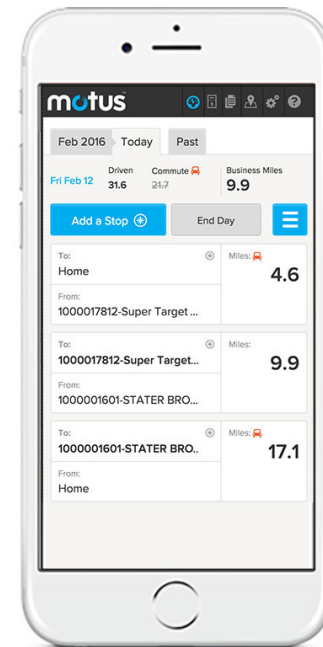
THE CHALLENGE

Companies that use Motus often cite a decrease in reimbursement expenses, increased driver visibility and the mobile app's ease of use as key benefits.

One of Motus' core values is harnessing technological advancements to meet the evolving needs of the company's end users. This user-centric approach led Motus to adopt a microservices architecture. By running 100 percent of the company's production workload in Docker containers on AWS, Motus has drastically reduced the time it takes to go from speaking about a new service to rolling it out. The company is also primed for future growth with the ability to quickly spin up and scale new environments and utilize auto scaling to handle peaks and valleys in demand for services and systems.

Being one of the first to adopt a microservices architecture presented a unique challenge. Motus' IT team, while well-versed in everything cloud, didn't want to manage the day-to-day operation of the company's environment. They also needed assistance with their move to AWS. However, being one of the first businesses with an IT infrastructure that utilized container technology and AWS meant that there wasn't an established MSP service offering that could handle the company's

complicated environment. Motus needed a managed service provider with deep expertise in AWS and who was willing to invest time and resources to learn about the company's microservices architecture and how best to manage it on AWS. Motus found that partner in Datapipe.



THE SOLUTION

The Datapipe and Motus business relationship has been a true partnership, fostering the exchange of tribal knowledge. Motus has been working closely with the Datapipe team to ramp them up on container technology, its benefits, and best practices for deploying Docker containers. "Datapipe's willingness to learn these new technologies and invest time and resources around them was a selling point for us," said Rick Blaisdell, CTO at Motus.

Similarly, Datapipe has been working closely with Motus to assist with the company's move to AWS and automation of its environment using Terraform and Puppet. "We sometimes spin up extra environments in AWS for testing," said Scott Rankin, Vice President of technology at Motus. "Datapipe's automation experience got us to a place where we can do this with a minimal amount of effort. This is something we didn't have any experience in and Datapipe did."

"Motus' use of Docker Containers has brought myriad benefits to the company, from the ability to roll out new products and new markets in a matter of day or hours, to being able to test new system functionality without having to cascade across multiple portions of their infrastructure," said Ovidio Borrero, Vice President of Global Solution Architecture at Datapipe. "This has been a great learning opportunity for both companies and the knowledge we've gained is something we can bring to others interested in container technology."

OPERATIONAL IMPACT

RESULTS & BENEFITS

- Assisting with the successful transition to AWS
- Managing the day-to-day so Motus can focus on developing its core technology
- Monitoring for software updates, patches and coordinating releases internally
- Assisting with off-hour support between Motus and AWS

Motus' move to AWS is going to save the company at least 20 percent over their previous hosting environment. The company's use of automation has also decreased the time it takes to spin up new environments by 20 to 30 percent. Time and costs savings are likely to increase as Motus continues to work with Datapipe on automation and tuning.

Datapipe and Motus' work is not done yet. Motus is in the planning stages for international expansion and has plans to transition all systems to AWS. Datapipe will be working closely with Motus through it all.

DATAPIPE

Datapipe is the managed hosting and cloud services provider with the most complete set of services, global locations, and industry leading partners. Datapipe delivers choice, control and confidence in architecting, deploying, and managing multi-platform hybrid IT solutions tailored to individual customer needs. Optimizing mission-critical and day-to-day enterprise IT operations, Datapipe enables businesses to transform, innovate, and scale. Backed by a global team of experience professionals and next-generation data centers Datapipe provides comprehensive security, governance, orchestration, and analytics solutions. Analyst firm Gartner has named Datapipe a leader in the 2014 and 2015 Magic Quadrant for Cloud-Enabled Managed Hosting.

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