Expansive Customer Growth Propels Luma to AWS with Support from Connectria

luma.
brighter learning.

Platform
• AWS

AWS Services Implemented
• CloudWatch
• CodeDeploy
• EC2
• ECR
• EFS
• ElastiCache
• Load Balancing
• RDS
• R53
• VPC

Challenge
• Cloud migration
• Scalability
• Performance

Solution
• CI/CD
• Cloud Managed Services

Results
• DevOps Deployment
• Enhanced transparency and communication

Luma is a learning and instructional design company offering flexible training solutions across several industries. It has been making a measurable difference in learning outcomes since its founding in 2008. In 2014, Luma found a unique niche in the transportation industry helping educate truck drivers. It developed a learning management system and leverages continuous integration continuous development (CI/CD) to roll out new and updated features regularly.

Luma has created many first in industry features for learning and training in the transportation industry. It conducts research on drivers' learning preferences to provide the best possible learning experience. Luma's products DRIVE SAFE, DRIVE FIT, and DRIVE FIRST are all grounded in learning science. It understands that different carriers and drivers have different needs and works with carriers to customize their learning environments. Luma was initially migrated by Connectria's professional services team to AWS, after which the project moved to the managed services team to provide ongoing support for their AWS environment.

The Challenge
Luma previously operated on a dedicated server with everything on one machine. Last year, it increased its customer base by over 100%. Luma needed a partner with migration expertise in order to embrace the redundancy and scalability of cloud as well as help managing its architecture from clearing roadblocks to assisting with incident response, while maintaining peak performance and overall management.

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"As a company we handle education, training, and other business functions. Working in the transportation and logistics industry, it is important for us to provide reliable services 24/7," said Scott Anderson, Luma CTO. In response to its continued growth, Luma made the decision to migrate to Amazon Web Services (AWS) in order to take advantage of the scalability and performance of the cloud.

The Solution

Since early 2020, Luma has been diligently working on the project in terms of preparing for the migration and making sure everything was ready. The ultimate goal for Luma targeted more services centered around security, entertaining two possible vendors, with Connectria as its top choice. Luma signed with Connectria in early September 2020 and were fully migrated to AWS by late November 2020.

Once the initial migration was complete, the AWS account construct provides a robust and secure mechanism to isolate control and data plane access to contained resources. Unless explicit cross-account IAM roles or VPC Peering, connections are configured, the account boundary is very effective at protecting against human error and misconfigured IAM policies and/or security groups. Non-peered VPC residing within the same account provide excellent network-later isolation and protect against similar types of policy misconfigurations. Additionally, Connectria provided advanced security support, with its AWS 24/7 security incident response and administration security operations center (SOC) and Advanced intrusion prevention and automated security tooling.

"For me, what it came down to, was that Connectria offered more services specifically around security at entry level. I need to be able to monitor things, from a security perspective, without having those services as an add on. Connectria had security as more of a prominent focus at the base level which was exactly what I was looking for. We have several developers involved, so it was important to have a way to deploy changes without errors. We did a lot of work on our end to identify the best process and Connectria helped us further develop the deployment process we now have active," said Anderson.

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Scott Anderson
CTO, Luma

The Results

Connectria handled Luma's cloud migration and continues providing support for the management of Luma's AWS environment. "Our relationship with Connectria has been really good for us. Creating and having the DevOps deployment process has been my favorite part about working with Connectria. It's significantly better than what we were doing previously and a major improvement on our side," said Anderson.

He continues, "We also have incident response assistance that we thankfully haven't had a need requiring Connectria to show that side of their support. While hopefully we never do, it's a comfort to know support is readily available in the event it is ever needed. Any time I have raised a ticket with Connectria's team, I've been happy with the level of support."

About Luma

Luma is headquartered in Mount Pleasant, South Carolina, with team members located in Ohio, South Carolina, Montana, Arizona, and Hawaii. Luma is a learning and instructional design company that has been making a measurable difference in learning outcomes for over a decade. Luma was founded by two experts in their own disciplines: Engineering & Instructional Design and Learning. It operates with core values focusing on customer commitment, integrity, quality, and passion. Luma believes that when people learn, their lives improve and so does society. Everything we do is created with this mission in mind.

For more information visit learnwithluma.com

aws partner network

Advanced
Consulting
Partner

DevOps Competency
MSP Partner
Healthcare Competency
Public Sector Partner

About Connectria

From Fortune 100 enterprises to medium and small businesses, Connectria provides managed cloud, managed services, and compliant cloud security solutions to more than 1,000 global customers. Working as an extension of each customer's IT team, we deliver technology-agnostic solutions consistently, with depth and breadth of engineering expertise, scalable solutions, and speed to market. Our "No Jerks Allowed®" philosophy includes flexible terms, straight-forward pricing, and custom solutions. With a culture based on integrity and an unwavering employee commitment to treating every customer with a relentless focus on satisfaction, it's easy to do business with Connectria.

Connect with us today

Talk to one of our IT advisors by calling **800.781.7820** or reaching out to us by email: **sales@connectria.com**.

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