



## Aapryl: Born and optimized on AWS

**AAPRYL**  
aapryl.com

**Country:** USA  
**Industry:** Software

**Aapryl**, a subsidiary of **Xponance**, was launched in 2017 as a financial technology company that provides investors with cutting edge tools for a simple and better way to identify the right investment managers, build portfolios, and manage risk.

From its conception, this innovative Fintech platform needed to leverage the cloud's technology, which would grant them the ability to scale easily from proof of concept to a production stage and enable them to process large volumes of data. The chosen solution, due to its experience, high security and familiarity of their data sciences team, was **Amazon Web Services (AWS)**.

**“Afterwards, we looked for a partner to guide us on AWS’s best practices, and we were introduced to Escala 24x7. We immediately saw their high level of knowledge and keen interest in really understanding our business strategy and overall objectives, so they could more appropriately help us through the project.”** - David Andrade, General Manager at Aapryl (Subsidiary of Xponance)

With **Escala 24x7’s** support, **Aapryl** is leveraging **AWS’s Fargate** for **Elastic Container Service (ECS)** for their platform’s numerous computations. This serverless compute service enables them to easily provision, deploy and retire **Docker containers** without manually provisioning, scaling, securing or patching servers; giving the organization a myriad of hardware choices to be used, as well as fine grained control over scaling rules, allowing them to be more aggressive in creating more containers if needed without operational overhead.



**Aapryl** is using *Amazon Aurora RDS* as their managed database solution, in order to guarantee availability with multi-node clusters and faster, better performance for their applications. They are also leveraging *S3* for storing static front-end content, which translates into an extremely durable, highly available, and scalable data storage at low cost, as well as *AWS CloudFront*, to serve and protect their website content, and to help optimize performance and security, while effectively managing cost. This *CloudFront* implementation is integrated with both *AWS WAF* and *AWS Shield*, allowing them to secure their workloads with controlled access to content, based on conditions such as IP addresses or the query string value on a content request as well as built-in protections for common attacks like *SQL-injection*, *cross-site scripting* and *DDoS*.



**“Now, we have gained scalability. Our platform manages thousands of managers and portfolios, so that translates into thousands of transactions. AWS has made it possible to manage this large quantity of information and actually process our quarterly data faster. Previously, it took us 10 to 14 days of processing, and now it’s up to 3 to 4 days.”**

*- David Andrade, General Manager at Aapryl (Subsidiary of Xponance)*

Among other benefits, **Aapryl** is now experiencing high availability of their very time-sensitive data, great integration with third-data providers and a deep understanding of their workloads, allowing them to make modifications where needed and managing their costs. This organization has participated in multiple *Well-Architected Reviews (WAR)* led by **Escala 24x7**, and made significant improvements to ensure they are leveraging the best **AWS** solutions available and that they’re aligned to best practices.

**“Escala 24x7 has been a huge help here. We meet once a month with them to adjust or upgrade whatever is needed. We’re not on our own; we have a strategic partner with our best interest at heart.”**

*- David Andrade, General Manager at Aapryl (Subsidiary of Xponance)*

For **Aapryl**, scalability is a key factor to support their growth plan. They are currently one of the only Fintech applications in the world to have a predictive capability through the use of *Machine Learning*, to predict top money managers performance. Truly, they’re an example of an organization that has fully understood and embraced the multiple benefits **AWS** can provide as a platform. As they continue to grow, **AWS** and **Escala 24x7**’s support will provide them a critical space for the organization to easily keep on scaling, while also enabling them to efficiently process thousands of transactions in a timely manner.

For additional information, visit [www.escala24x7.com](http://www.escala24x7.com)  
or contact us through [ventas.aws@escala24x7.com](mailto:ventas.aws@escala24x7.com)