

CASE STUDY:

Franklin Madison migrates to a cloud based middleware solution

Having separated from its parent company, Franklin Madison wanted to build a modern, cloud-based infrastructure using Amazon Web Services ("AWS"). Franklin Madison faced a choice: either undergo an expensive upgrade or switch middleware platforms. After an internal evaluation, Franklin Madison selected Red Hat JBoss® Enterprise Application Platform ("EAP"), an open-source platform to build, deploy, and manage Java applications within their environment. With the ease of deployment, application modernization and lower IT costs as the primary motivations, Franklin Madison reached out to Axcelinno for assistance with the AWS migration. A Red Hat Apex Partner, Axcelinno offered a full suite of professional services—including assessment, architecture, deployment, configuration, and mentoring to Franklin Madison's developers, administrators, architects, and DevOps teams.

THE BUSINESS CHALLENGE: IMPROVING APPLICATION PERFORMANCE

After choosing Amazon Web Services as its public cloud provider, Franklin Madison began the migration process. However, the client soon ran into trouble with IT resource constraints and application performance:

- First, the deployment of all applications was slow and outage-prone. These outages had a severe negative impact on application availability, support issues, costs, and the end-user experience.
- Second, there were significant performance issues in the legacy on-premises WebLogic environment that were carried over to the new JBoss EAP environment.

Franklin Madison's ability to deploy and operate its applications and services was seriously impacted by these problems—even more challenging because their root cause was unknown. As a result, the client needed an IT managed services partner who could offer help with their issues.

THE SOLUTION: NO MORE RESOURCE CONSTRAINTS

In search of the right IT expertise, the client reached out to Axcelinno. The partnership began with a series of meetings where Axcelinno quickly and accurately assessed the client's current installation of EAP, offering their own recommendations and plan for moving forward. ****The team for this project consisted of an Axcelinno consultant with technical knowledge of JBoss EAP, as well as a project manager to oversee progress and liaison with Franklin Madison.

Axcelinno began by performing an "EAP Health Check" that reviewed the client's "out of memory" issues and the degradation in SQL query performance. Next, Axcelinno provided a detailed outline with recommendations to address these issues, as well as advice for fine-tuning the client's EAP configuration to create a more secure, scalable, reliable, and performant environment.

THE RESULTS: A CONFIGURED EAP MEETS BEST PRACTICES

With the help of Axcelinno, Franklin Madison was able to successfully resolve its resource constraints and performance issues. After this roadblock was removed, the client was able to complete the migration from WebLogic to JBoss EAP, and from on-premises to AWS, precisely and without delay.

Thanks to this successful collaboration, Franklin Madison has continued to partner with the Axcelinno services team for future IT projects. In particular, the client praised Axcelinno's responsiveness, transparency, communication, mentoring, and expertise from the project's start to finish.



Industry: Financial Services

Company Size: 200 Employees

Headquarters: Franklin, TN

KEY RESULTS

- Successful migration from Oracle WebLogic Server to JBoss EAP, and from on-premises to Amazon Web Services.
- EAP architecture assessment and health check to diagnose and resolve problems with the client's IT environment.
- Hands-on implementation and mentoring for the new JBoss EAP environment on AWS.
- A reliable and cost-effective solution with no downtime.

SERVICES & PARTNER ECOSYSTEM TECHNOLOGIES

- Axcelinno Professional Services
- Red Hat JBoss EAP
- Amazon Web Services
- Spring Framework

'In the beginning, we had several meetings. Then they came back with recommendations, where [Axcelinno] took into account our products, traffic, and capacity to give us a price point. Once we fully started, there was nothing different - they understood our need, which was right on target.'

— Sujoy Kumar, Senior Technical Lead, Franklin Madison

Franklin Madison plans to migrate a new application to the cloud every three to six months and will have Axcelinno engaged for any guidance, issues, and concerns. In particular, the client anticipates needing assistance with new cloud features, functionality, and best practices such as auto-scaling instances. Axcelinno is ready to use its deep well of cloud and open-source experience and knowledge to help the client with its future IT goals and objectives.

About Franklin Madison

An industry pioneer with over 50 years of experience, Franklin Madison builds financial security for individuals and families by delivering industry-leading insurance products and marketing services through their brand partners. Franklin Madison helps generate increased loyalty and incremental revenue for more than 3,500 financial institutions.

For more information, call your Mainline account representative or call Mainline directly at 866.490.MAIN(6246).

Axcelinno, LLC was acquired by Mainline Information Systems on January 31, 2023.

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