



When It Comes to Modernization and Migration **We're Better Together**

No One Else Does What We Can Do

Let's Partner Up

Like your organization, TSRI has a unique selling point in the modernization and digital transformation marketplace. No one does what we can do. We enable technology readiness on AWS and other cloud platforms with a model-driven, iterative approach that transforms legacy applications quickly, accurately, and automatically, eliminating the risk of technical failure and cost overruns—with little to no business disruption for the customer. Unlike any other provider, our architecture-driven modernization method delivers code far beyond a line-by-line conversion, ensuring your valued customers get quality code they can maintain in the architecture they choose, and we do it at levels of automation above 99.9%. We reduce project timelines that could take years into months—or weeks—while keeping and expanding capabilities for the cloud and achieving an average of 70% annual savings on IT infrastructure costs.

We modernize dozens of legacy languages such as COBOL, JCL, PL/I, CICS, MUMPS, Fortran, Ada, and more, to modern and more sustainable software languages like Java, C#, .NET Core, or C++. TSRI has applied our technology and iterative process successfully on over 250+ transformation projects in diverse industries including Healthcare, Retail, Logistics, Government, Banking/Finance, and others.

Let's talk about partnering on AWS solutions. Visit tsri.com/aws to get started or contact AWS today.

Expand Your Capabilities with TSRI

- ✓ **Eliminate the risk** with minimal code freeze and 99.9X% automation
- ✓ **Modernize code, databases, and UI** in a graceful, step-wise manner
- ✓ **Receive full documentation** of the source code and modernized code

The Software Revolution, Inc. (TSRI) and AWS | We're Better Together

Work with an AWS Mainframe Migration Competency Partner

As a vetted Amazon Web Services (AWS) Mainframe Migration Competency partner, TSRI's certified engineers and architects transform mainframe software into modern code with cloud-native architectures in a fraction of the time through AI-driven automated technologies, with processes that produce a level of code quality that no one else can offer.

Modernizing and migrating mainframe workloads to AWS elevates our customers and partners to new levels of innovation, agility, and cost savings unimaginable elsewhere. Through this expertise, the TSRI team has helped dozens of customers navigate the complexity of their system and reduce the risks of a mainframe modernization to AWS.

The proof of TSRI's capabilities was easily validated, since TSRI has been modernizing massive workloads to the AWS cloud for many years. We've consistently demonstrated technical expertise and proven customer success time and again bringing our customers reliably and efficiently from limiting legacy infrastructure to the infinite potential of AWS.

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CASE STUDY

Achieving 99.9996% Automation on Modernization to AWS

CHALLENGE

Educational Testing Services (ETS) is the company behind standardized tests such as the SAT, GRE, TOEFL and Praxis. They turned to TSRI to transform their applications and databases from IBM COBOL and JCL with DB2 and VSAM to modern Java and Python with a relational PostgreSQL database on the AWS cloud.

SOLUTION

The modernization experts at TSRI took on the task by implementing *JANUS Studio*® which leverages AI to apply transformation rules, and produced object-oriented and maintainable code in Java and Python. The TSRI team also extended the already robust SQL transformation rules to address the advanced date-type processing queries within the system in taking the IBM Db2 Database to PostgreSQL.

RESULTS

In transforming the ETS application to the AWS cloud, TSRI achieved an automation rate of 99.9996%, meaning only one or two lines of code needed to be patched out of 928,000 lines transformed.

TSRI SOFTWARE MODERNIZATION ASSURED

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