

# Software Modernization Assured

TSRI enables technology readiness for on-prem, hybrid, and the cloud in modern architectures. We bring software applications into the future quickly, accurately, and efficiently, with low risk and minimal business disruption.

## Capabilities



Modernization of legacy systems



Modernization of legacy databases



Modernization of legacy user interfaces



Documentation of legacy and target code



Automated refactoring & rearchitecting



Migration to the cloud



Testing, integration, and deployment



Application lifecycle support services

## Architecture-Driven Application Modernization & Refactoring

Drawing on more than 25 years of success, our proven, 99.9x% automated approach decreases risk and errors and makes it possible to accomplish in months what would otherwise take years.

### MODERNIZATION & TRANSFORMATION

TSRI transforms code into a modern, native, object-oriented target language such as C++, C#, Java, or J2EE, running on Linux, Unix, Windows, and any other modern computing environment and architecture.

### AUTOMATED REFACTORING

We use automation to improve code structure, system performance, and maintainability following the transformation.

### MODULAR & CLOUD-ENABLED

We transform monolithic applications and databases into multi-tiered, modular, cloud-enabled applications to fit a modern architecture based on your needs.

### APPLICATION ASSESSMENT

Up-front assessment and code documentation pave the way for smooth modernization.

### COMPREHENSIVE, CODE-LEVEL DOCUMENTATION

Our automated blueprints generate full UML documentation for both the original source application as well as the transformed modern application systems.

# Modernizing Mission-Critical Applications for Over 25 Years

- ✓ Proven, cross-industry experience
- ✓ 99.9x% automation
- ✓ Code documentation and refactoring
- ✓ 35+ languages
- ✓ Minimal business disruption
- ✓ Precise and functional equivalence
- ✓ Graceful, gradual deployment
- ✓ Code warranty




TSRI's high degree of automation, and especially their refactoring and blueprint capability, as well as their proven track record of success made TSRI the right choice for our organization."

## Modernize to the Cloud

### GET TO THE CLOUD FASTER WITH TSRI'S REUSABLE PROCESS AND SCALABLE SOLUTION

TSRI's near-100% automation transforms applications and databases to cloud-native, multi-tier applications in AWS, Azure, OpenStack, Bluemix, DISA, or other cloud architectures.

Our proven, model-based solution serves accurate and reliable modernized applications to enterprise clients with minimal business disruption. Our automated transformation engine migrates applications written in COBOL, JCL, PL/I, Ada, MUMPS, and more than 30 other languages into modern, cloud-native applications.



Validated

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Mainframe Migration Competency

## OUR CLIENTS








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