

Application Modernization

Innovate

Transform

Modernize



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Application Modernization

What is Application Modernization?

Application Modernization refers to the conversion, rewriting or porting of a legacy system to a modern computer programming language, software libraries, or hardware platform.

The primary objective is to retain and extend the value of the legacy investment through migration to new platforms in order to enhance enterprise agility.

Industry Facts & Trends

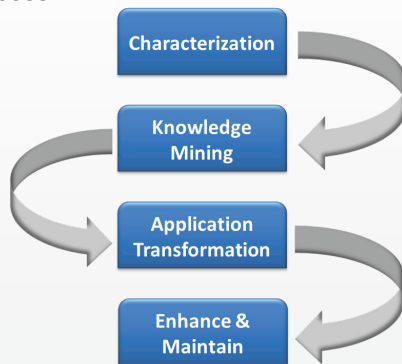
Enterprises are not alone in the desire to salvage legacy assets, it is a widespread challenge.

Industry research suggests:

- Upwards of 70% of corporate business systems are legacy and represent \$2 Trillion worth of inflexible assets
- Upwards of 75% of IT budgets are tied to legacy systems

AEM™ Process

The diagram below outlines the four phases in the proprietary AEM™ process:



*AEM™ is a registered trademark of Trinity Millennium Group Inc.

Why Modernize?

Many drivers impact the need to modernize.

Businesses find themselves in a position where the ability to evolve is constrained by their legacy IT capability and HR availability.

Modernization is warranted when legacy applications contain relevant assets required for the future.

- Usually 'hardened' applications
- Significant business rules and critical data embedded
- Scarcity of resources to maintain application (\$ & people)

Are you in a position of increasing cost pressure, increasing rate of change in the business, and a shortage of capacity?

Proven Track Record

Mariner software engineers modernize enterprise applications through our proprietary AEM™ process.

Experience:

1.6 Billion lines of code and 116 languages & databases successfully modernized.

Proprietary Process & Capabilities:

We balance automation, human intervention, and software engineering best practices. We have an extensive library of automated code analysis and conversion tools to ensure accuracy and maintainability.

Low Risk Solution:

Expedite return on investment. Keep pace with change and avoid potential legacy disasters.

Case Studies



Federal Aviation Administration

- Converted 2M Lines of Natural Language code to Microsoft .NET
- Minimized mainframe usage, realizing \$27M in savings - a 12 month ROI



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- Extracting and understanding the embedded business rules within the legacy applications was paramount to retaining all of the valuable information and investment made over 30 years



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