



# IBM Mainframe Modernization

*Whatever your IT environment, Speedware has the mainframe technology solution and professional services you need to make your modernization project a success.*

## Why Modernize the Mainframe?

The mainframe has served the business community for decades and is known for its performance, reliability and security. However, with so many mainframe challenges facing business today, corporations are deciding it's time to modernize the application portfolios that run their IBM mainframe legacy systems.

Companies want to eliminate, reduce or cap their mainframe environments for several reasons.

- **Reduce costs** — Software costs can consume a large portion of mainframe budgets. By modernizing the mainframe organizations can have more money for innovative projects aimed at improving the business.
- **Increase agility** — The information stored on your mainframe is a valuable business asset. As companies generate more and more data, it becomes critical to access this information so they can become agile and respond quickly to new business requirements.
- **Reduce skill set shortage** — COBOL is the language of the mainframe and good COBOL programmers are becoming increasingly difficult to find. Many companies are facing the real dilemma of how to manage their mainframe environments as their best administrators and programmers begin to retire. As the shortage of experienced programmers becomes worse, the cost of these resources will inevitably rise.

## Fast, low-risk mainframe modernization

Finding the right modernization strategy for your mainframe applications and data can be confusing and risky, but Speedware can help you make the right decision. With proven migration tools and over 10 years of modernization experience, we can design a solution that will reduce costs, increase system flexibility and position your information platform for the future.

Speedware also knows that there is no one-size-fits-all solution for mainframe modernization. Whether your environment includes COBOL, Assembler, CICS, JCL, IMS, Natural or other legacy products, we can customize a solution that can save money and increase agility without compromising performance, reliability or security.

## Step-by-step modernization planning

Before you begin a mainframe modernization project, we recommend taking a step-by-step approach, so you can create a clear framework for making the right decisions. For the best possible outcome, you need to understand your current environment, evaluate your options and choose your targets.

### Understand:

- Analyze current applications and architecture.
- Assess current costs.
- Define business and technical drivers for modernization.
- Understand business strategy and priorities.
- Define desired outcome and measures of success.

### Evaluate:

- Evaluate migration platform choices - hardware and software.
- Assess business and technical scenarios for each choice.
- Calculate ROI.
- Identify possible partners.

### Choose:

- Identify the target solution and vendor.
- Review vendor track record and references.
- Finalize vendor contracts.
- Develop a detailed plan.

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## Mainframe Rehosting: Lowest risk, lowest cost

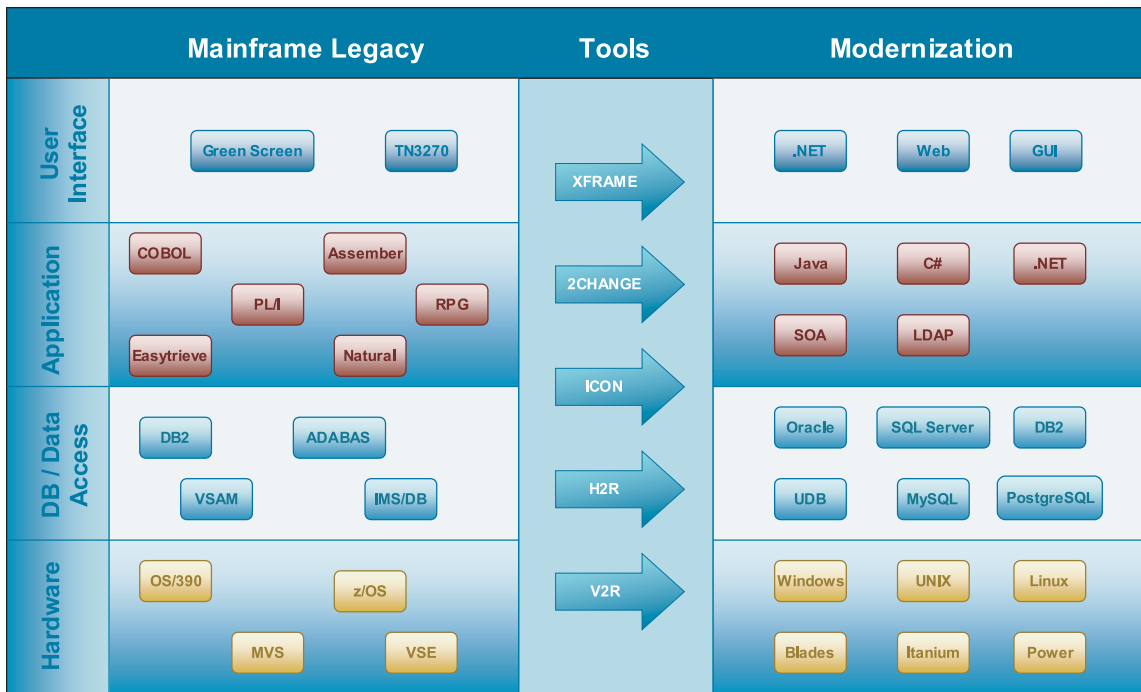
In many cases, the lowest cost, lowest risk solution for migrating mainframe workloads is through rehosting to open systems. Since rehosting is focused on simply changing hosts, or platforms, it allows you to maintain existing applications with very little source code modification. These applications are recompiled to run in a new environment using Unix, Linux or Microsoft Windows.

## Mainframe Technology Solutions

In order to address the specific technology requirements of mainframe modernization, Speedware offers industry-leading technology backed by proven services and support. Our technical teams develop and test leading modernization solutions with the goal of offering the best possible solutions to our customers.

For mainframe modernization Speedware has several solutions targeted at specific mainframe technologies.

There are many approaches to mainframe modernization but only Speedware provides proven, comprehensive and integrative rehosting solutions that are low-risk and can dramatically reduce IT costs.



## About Speedware

Speedware has been dedicated to helping companies modernize their business applications for over 15 years and enjoys a 100% project success rate. The company specializes in developing end-to-end modernization solutions that allow industry and government leaders to increase their business agility and reduce their operational costs. Speedware has been a leading provider of enterprise software solutions since 1976, offering a complete suite of legacy modernization, migration and application portfolio management solutions, business intelligence tools and application development solutions.

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