



# IBM AS/400 Modernization

*As the reasons to modernize the IBM AS/400 continue to mount, Speedware offers an automated solution that can lead to many benefits.*

## Why modernize the IBM System I?

Due to its excellent performance and stability, the IBM AS/400 (also known as the IBM System I or the i-Series) is used not only by midsize companies, but by many Fortune 500 corporations as well. Over the years, a tremendous amount of business logic has been incorporated into the applications that direct core business processes. Today however, with many new business challenges and the need to integrate with other technologies, organizations are looking at modernizing their AS/400 applications and moving to a newer, more open platform and technologies.

There are several compelling reasons for migrating from the AS/400 onto an open and more modern system.

- **Shortage of specialized resources:** Programmers knowledgeable in COBOL or RPG are becoming difficult to find as more and more reach retirement age. As a result, long-range staffing plans and succession planning are issues that IT departments must contend with to ensure business continuity.
- **Issues with integration:** The AS/400 is not easily accessible by other platforms. Proprietary applications negatively impact the ability to integrate and interoperate with other systems such as Windows and Unix.
- **Total cost of ownership:** While the cost of hardware alone is not the issue, the total cost of ownership increases due to the higher cost of skilled resources as well as elevated license and support fees.
- **Lack of business agility:** Outdated platforms such as the AS/400 can stand in the way of a corporation's business agility. In order to remain competitive, organizations need to rapidly respond to changing market conditions, business requirements or to introduce new products or services.

- **Lack of modern screens:** RPG is the most common programming language on the AS/400 and since it is character-based, modern screens with graphic customization or web-enablement are difficult.

## Speedware's automated modernization solution

For most corporations, the answer is a modernization solution that will move legacy applications to more modern platforms, resulting in increased performance, reduced costs, increased business agility and enhanced graphic user interfaces. In order to address the specific technology requirements facing AS/400 customers, Speedware offers industry-leading technology backed by proven professional services and support.

Our technical teams develop and test leading modernization tools with the goal of offering the best possible solutions to our customers. Green-screen user interfaces can be easily converted to web-based GUIs, enhancing the user experience. Through the use of automated tools, RPG, COBOL and CL code is converted to native .Net or Java without the risk of manual error.

Speedware's AS/400 modernization solution includes the following:

- Automated code conversion
- Automated database and data conversion
- Integrated test automation
- Automated command language conversion
- Automated user interface migration to web-based GUIs

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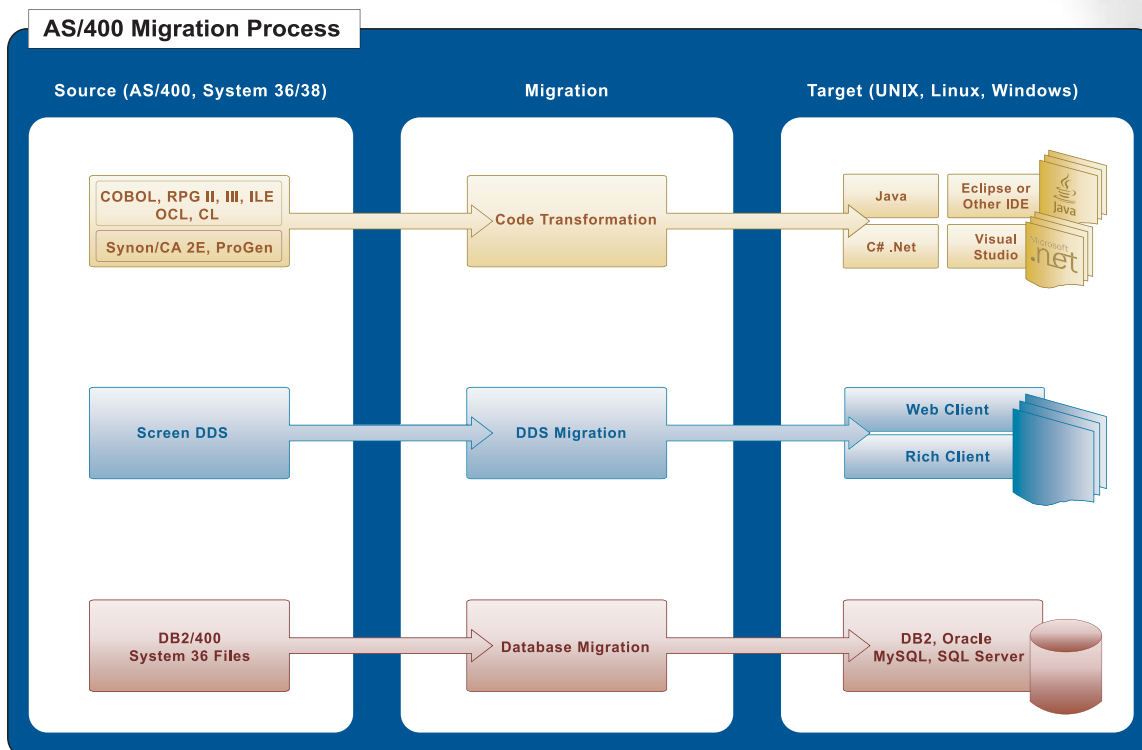
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Speedware will also manage the integration of all technologies so that each modernization project is completed on time and on budget.

There are many approaches to AS/400 modernization, but only Speedware provides proven, comprehensive and integrative solutions that deliver object-oriented and event-controlled programming methods, platform independence, maintainability and stability.

Speedware offers a variety of services to help customers as they start the modernization planning process, including:

- Professional assessments
- Detailed modernization analyses
- Pilot projects
- Proof-of-concepts



## 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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