

iModernize

A rapid solution for modernizing IBM i (AS/400 - iSeries) applications and improving business agility, iModernize is the only IBM i modernization product that converts your RPG and CL code to native .NET or Java architecture.

iModernize – A Rapid RPG Modernization Solution

Why modernize your IBM i applications? After all, they've been running well for years, handling millions of transactions per day. But they're not as agile as modern systems, and they don't always permit easy integration with newer technologies. Worse, it's getting difficult to find anyone who can maintain and enhance their RPG and CL code. When it's time to make the leap, Fresche Legacy's iModernize is the premier choice.

What is iModernize?

iModernize rapidly transforms legacy IBM i (AS/400 - iSeries) programs to modern computing technologies such as Java and .NET to improve business agility, lower costs and enhance IT integration. A powerful IBM i modernization toolkit, it eliminates specialized legacy hardware and languages and reduces dependence on increasingly rare and expensive skill sets.

What does it do?

iModernize boosts the level of integration throughout your organization by removing rigid legacy technology and unlocking the valuable business logic in your IBM i applications, making it available to newer systems. The modernized environment is easier to work with and gives your programmers more flexibility to align IT with changing business goals.

Highly automated and substantially less expensive than other modernization approaches, iModernize transforms legacy applications more quickly and for much lower cost than re-writing or re-architecting. In addition, it greatly reduces the possibility of human error during the transformation process.

iModernize is the only IBM i modernization product that enables you to convert your entire RPG and CL application environment to native .NET or Java architecture. Developed specifically for AS/400, iSeries and System i customers, iModernize provides an unparalleled level of functionality to address the requirements of your IBM i modernization project and ensure that you are productive on the target platform.

Some of the highlights:

- Complete transformation process for all aspects of your IBM i applications
- Powerful pre-modernization application analysis tool
- Windows-based modernization project workbench
- Automated testing capability
- Option to modernize application in stages
- Web or Windows GUI enhancement capabilities.

iModernize Benefits

Improves business agility – by giving programmers modern tools to respond to changing business needs

Enhances integration – with modern systems by eliminating legacy technology

Improves programmer productivity – by using modern .NET or Java development tools

Reduces risk of RPG skill shortages – and the cost associated with those increasingly rare skills

Preserves existing program logic flow – to help RPG programmers learn new technology quickly

iModernize is a fully functional application modernization tool set that automates transformation of RPG and CL code to native C#.NET or Java syntax.

Other iModernize features include:

Modernized screens to native GUI rich client or browser thin client

- Supports 5250 screen transformation to WinForms, ASP.NET and Java Graphical Client
- Reduces training time and cost
- Avoids retraining with optional 5250 character mode
- Increases user productivity

Integrated automated testing tool

- Quickly records test cases to validate modernization project results
- Automatically runs test cases against modernized applications
- Reduces modernization project timeframe and costs

Application analysis tool

- Analyzes the source RPG and CL code to help with planning, code drops, etc.
- Identifies all of the objects that require modernization
- Takes the guess work out of the transformation process

Complete conversion

- Translates RPG II, RPG III, ILE RPG and Free Form RPG at GENLVL0 as well as CL code, also parsing /COPY and /INCLUDE
- Handles the RPG Cycle and its special features, such as pointers, Query files, prototyped functions and embedded SQL
- Converts IBM i native technologies such as data areas, data queues, OPNQRYF, OVRDBF, etc.

Corporate standards

- Uses well-documented API methods for comprehensive improvement and further development of the migrated software on .NET and Java.
- Maintains high performance
- Maintains the scalability of IBM i in .NET or Java environment
- Executes automated checks to ensure that resulting software maintains a high standard of quality

Platform independence

- Migrated software is platform and database independent
- Focuses on popular common technologies for the run-time environment, such as Java and .NET on Windows and Unix (HP-UX or Linux) operating systems
- Converts DB2/400 physical and logical files to Microsoft SQL Server, My SQL, Oracle, etc.

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About Fresche Legacy

Fresche Legacy (formerly Speedware) modernizes legacy applications and manages legacy environments. With more than 30 years in the industry, and a client list of top Fortune 500 companies, Fresche helps companies align IT with key business goals to increase financial performance, improve market competitiveness, remove risk and add value. We re-host, re-write and re-architect business-critical applications where needed, plus we have the knowledge and experience to plan, manage and support the entire process. We handle the full lifecycle of your project from concept to maintenance, and with our disciplined and unique five-step methodology, we ensure success on every project.