



Flexible Code Transformation

Transform IBM i Applications into Something Truly Innovative

Businesses on IBM i face many challenges, but top among them is outdated RPG application code.

While RPG has served businesses of all industries faithfully for many years, legacy application code weighs down companies with technical debt and puts up roadblocks to innovation. By transforming legacy code, businesses will:

- **Improve the efficiency of IT**, who can spend as much as 80% of their time maintaining legacy code
- **Ensure IT resource continuity** by preparing a new generation of developers to replace those who are retiring
- **Increase the speed** with which your development team can respond to changes
- **Improve business agility** with modern code that is portable and cloud-ready
- **Reduce the risks** of running business-critical applications on code that isn't optimized
- **Enjoy the benefits** of leveraging your past investment in the IBM i while innovating for the future

Transforming legacy application code is an important decision - and so is deciding the approach you take with the transformation. While some vendors suggest using .NET or Java as a solution, there is a better solution.

Innovation Through Flexible Code Transformation with Profound Logic

Our **Flexible Code Transformation** service gives businesses an automated approach for converting legacy RPG code to Node.js. Profound Logic is the only company to offer this service.

This service is '**Flexible**' because it gives you control over how much code you want to transform and the ability to roll out transformed applications incrementally. Our team will ensure that all of your applications, whether migrated or not, natively work together as you would expect.

This approach:

- Empowers you to determine the pace and scope of the transformation in an iterative fashion
- Mitigates the risks associated with other approaches, including migrations from RPG to .NET or Java.
- Significantly improves time to market by automating the conversion process
- Supports an iterative, agile approach to transformation
- Opens the door to platform agnostic options – non-IBM i, AWS, Azure, and hybrid cloud

Fixed RPG to Truly Modern RPG transformation is also an option. This enables you to keep some RPG applications, but ensures that monolithic code is modularized and any dead code is removed.

By working with us, you can quickly start seeing the benefits of code transformation and take your business in innovative new directions.

Our code transformation service is dynamic, and we tailor it based on the unique characteristics of your business.

Contact us to start your transformation journey now:
profoundlogic.com/services



Why Node.js?

Node.js is an ideal language for business development because it is:

Truly modern: Unlike .NET, Java, and RPG code that has been around for decades, Node.js is optimized for today's businesses

Mature and enterprise ready: Top businesses around the world run on Node, including Netflix, PayPal, NASA, and Uber.

Widely used: Node.js is JavaScript, which is the most popular language in the world and is taught in schools, unlike RPG - making it easier to find new developers to replace those who are retiring.

Innovative and disruptive: Node.js opens the door to disruptive and innovative business solutions, including IoT and AI

Portable: Node makes it easy for businesses to connect IBM i and non-IBM i platforms and deploy to cloud or hybrid-cloud environments

Thousands of pre-built packages: Node Package Manager (NPM) has thousands of pre-built mini-applications that significantly reduce time spent in development