



# Agile Modernization with Node.js

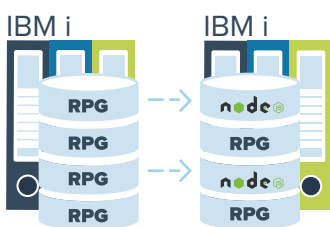
Businesses on IBM i have long been searching for the best way to bring their legacy applications into the modern age. Many take on **high-risk and high-cost system rewrites**, or even attempt to migrate off the IBM i altogether. Unfortunately, these projects often fail and cost **millions of dollars** and waste years of development effort. Here are some of the reasons these projects are so challenging:

- Re-writing custom RPG using Java, PHP, or .NET is a **time consuming and inaccurate process** that requires intimate understanding of the original code
- Leaving the IBM i altogether will create massive disruptions to your business and customers.
- It is extremely difficult to migrate the **thousands of customizations** that make up customized RPG applications to pre-built, third-party software packages

The best alternative to this traditional method of modernization is to adopt an incremental, **Agile Modernization** approach with Node and Profound.js.

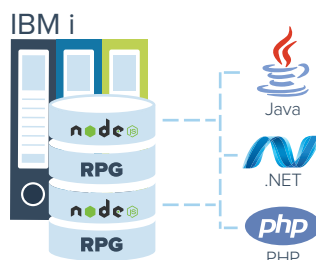
## 4 Steps to a Modern Enterprise

### 1. Convert



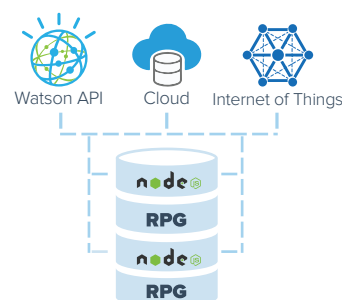
Convert RPG apps to Node.js without losing compatibility.

### 2. Integrate



Call your IBM i apps as Web services for easy integration with Java, .NET, and PHP programs.

### 3. Extend



Take full advantage of the Open-source Ecosystem.

### 4. Design



Design beautiful GUIs with Profound UI.



# Profound.js

## Enterprise-ready Node.js Development for IBM i

*"Node.js will certainly take its place as one of the tools for enterprise software development and will hold that place for at least a decade. For web-based and mobile-based backend systems, Node is here to stay."*

*InformationAge.com, 'The Rise of Node.js'*

Profound Logic is the leader in cutting-edge, innovative solutions to take your IBM i development into the future. With Profound Logic tools **Profound.js** and **Profound UI**, you can modernize legacy RPG applications and green screens vastly faster and with less risk than with a manual rewrite or system migration.

### Agile Modernization with Node.js enables you to:

- Deliver truly modern applications in a fraction of the time re-writing takes
- Maintain your IBM i systems of record without re-writing or migrating off IBM i
- Attract younger developers who are fluent in JavaScript
- Integrate seamlessly with Profound UI's tools for GUI design
- Open business applications to IoT, Cloud, and Watson APIs

### *Join the Node.js Revolution*

Profound.js is powered by Node.js, which has quickly become a favorite among developers and major businesses, including **Netflix, Walmart, PayPal, Dow Jones, and Groupon**. Why? Node.js is:

- **Wildly popular** and easy for any developer to use
- **Highly scalable** to support large numbers of enterprise transactions
- **Blazing fast** and able to handle up to twice the number of requests per second compared to Java

Visit [www.profoundjs.com](http://www.profoundjs.com) to learn more