

YOUR ENTERPRISE AND IBM i WITH

Eradani Connect™

It just works.

Eradani Connect = Advanced Technology + Expert Services

Eradani Connect combines Eradani Open Source to IBM i connection technologies with Eradani Expert Consulting Services to create cutting-edge user experiences using the latest languages to delight your customers and grow your business.

Technology + Services: Plug-and-play technology takes the guesswork out of what you need. Eradani Experts get you where you want to go.

Stop worrying. Get total peace of mind.

Why You Need Eradani Connect Now



It's Cutting-Edge

Connect makes it easy to use the latest technology with your IBM i applications. Create cool new mobile and web user experiences, take advantage of machine learning and big data analytics, gather data from IoT devices, connect to the latest web-based services—excite your customers, partners, and staff.

Eradani Connect makes it easy.



It's Adaptable

Whether you want to use JavaScript, Python, .Net, Java, PHP or other Open Source technologies, you can easily and securely access your IBM i programs and data through Eradani Connect. And as technology continues its rapid advance, you can adopt new languages and tools without worrying about your IBM i connections.

Eradani Connect keeps you Agile.



It's Open

Our open architecture allows developers to access IBM i resources (programs, data, stored procedures, commands, etc.) in exactly the same way they access resources on any other platform. It requires no special, proprietary coding techniques. Similarly, RPG developers can access Open Source using standard program calls and parameters.

Eradani Connect doesn't "lock you in."



Transform Your Applications Quickly

Give your customers a 360 degree view of their business with you through new user experiences and custom dashboards using Eradani Connect. Leveraging the latest in Open Source, Web, and Mobile technologies, your developers can capitalize on the power and data in your IBM i applications to add customer value quickly and easily without leaving their familiar work environments.

Make Application Integration Easy as Pie

Open Source to IBM i: Directly access the IBM i from Open Source languages like Node.js, Python, PHP, C# and Java without being an IBM i expert

IBM i to Open Source: Call web services (maps, weather, transportation tracking, etc.) just like you would call another RPG, CL or COBOL program

Increase productivity by extending your IBM i native applications with readily available Open Source components

Simplify recruiting by moving program maintenance to Open Source languages and tools

Eliminate barriers to new technology adoption

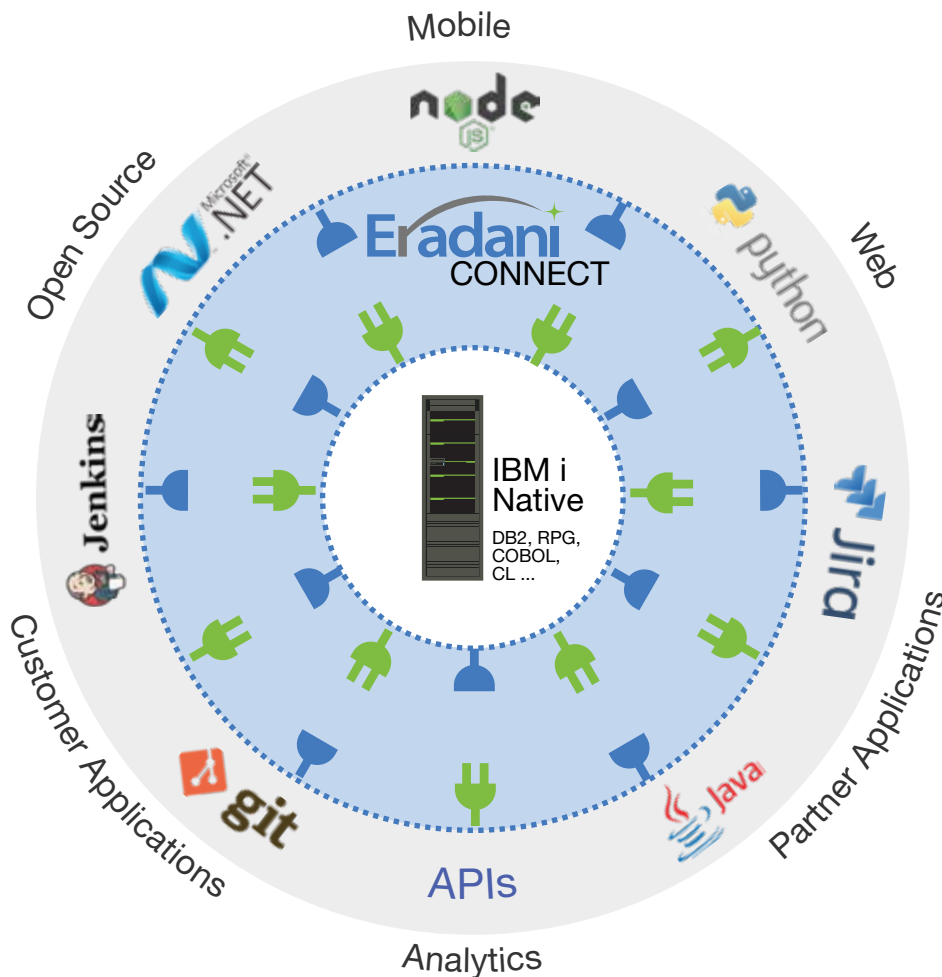


What is Eradani Connect?

Eradani Connect is a bidirectional connector that makes it easy for Open Source developers to access IBM i resources (programs, commands, data, stored procedures, etc.) and for IBM i developers to access Open Source programs and Web Services.

How it Works

Eradani Connect wraps your core IBM i applications with a standards-based translation layer that handles all of the translation, connection, and authentication functions needed to make it easy to communicate from Open Source to IBM i native applications and from IBM i native applications to Open Source.



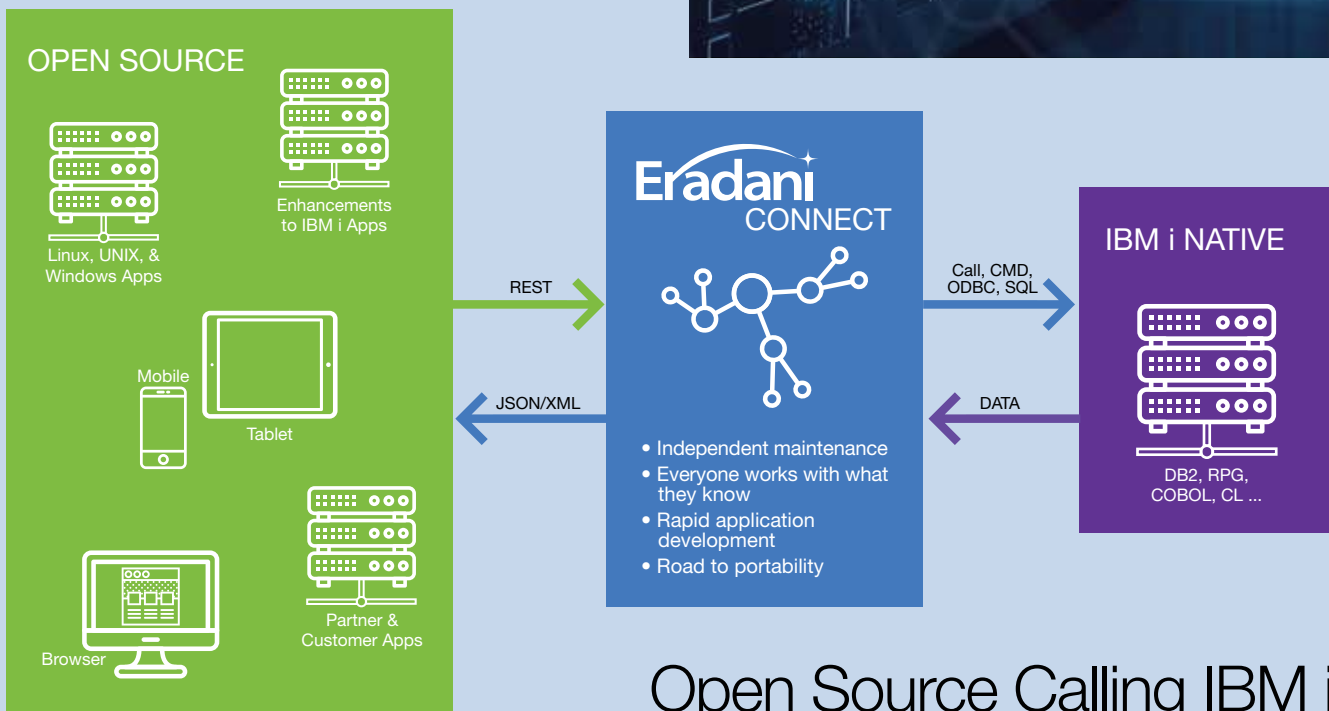
Rapid, Flexible Modernization with Eradani Connect

- ✦ IBM i works like other platforms
- ✦ No proprietary coding techniques
- ✦ No vendor lock-in
- ✦ Token-based security
- ✦ Programmer productivity

For Open Source Developers with a Need to Access the IBM i

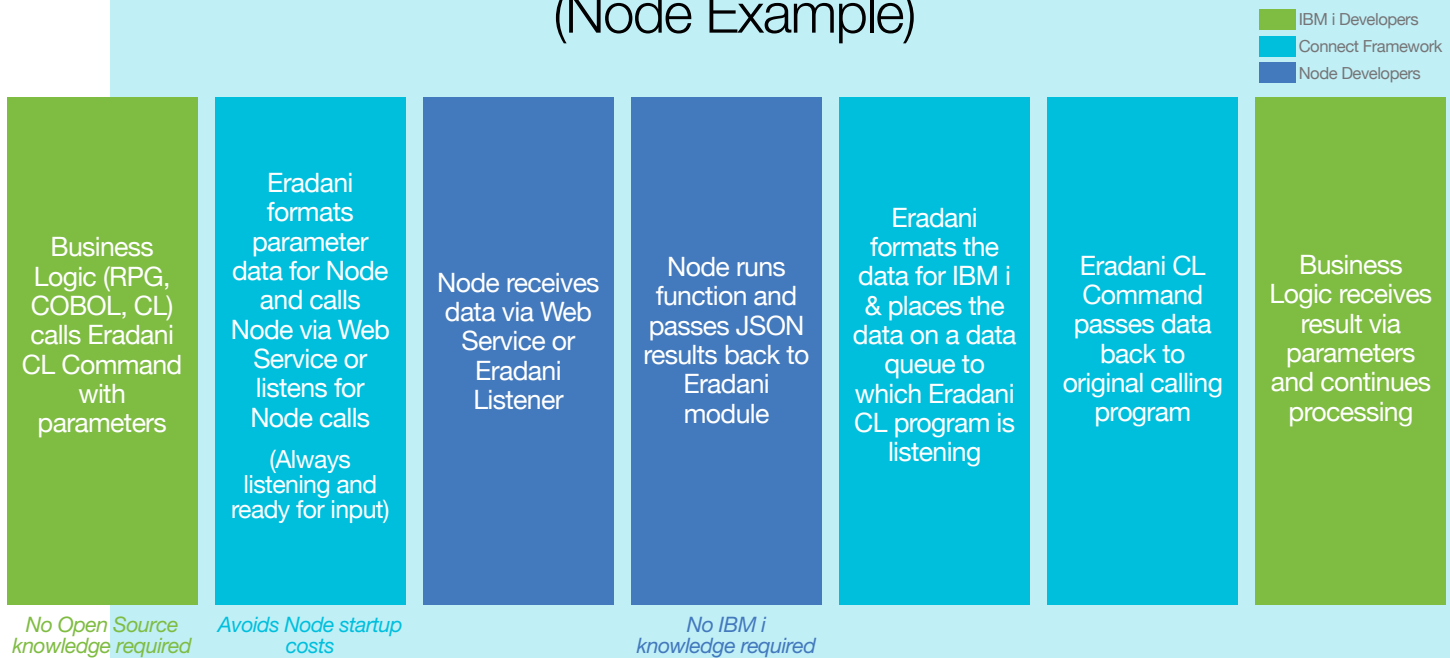
With Eradani Connect, Open Source developers call IBM i native resources in the same way they would call resources on any other platform.

Eradani Connect will translate those calls into RPG program calls, CL command calls and/or DB2 database access. It will turn the input data into parameter data on the way in and it will turn the output parameters into JSON to return to the Open Source programs. In transit, it will take care of parsing the JSON and turning null terminated strings into structured data and it will pad and trim the fields to eliminate the need for complex string manipulation.



Open Source Calling IBM i

IBM i to Open Source Connection (Node Example)



For IBM i RPG Developers Who Need to Access Web Services and Open Source Programs

RPG developers can call an Open Source function or web service in the same way they call another RPG program. Eradani Connect will turn that program call into a function or web service call and initiate the Open Source action. On the way in, it will translate the input parameters into JSON data and on the way back it turns the results back into parameters. For the RPG programmer, they have simply called a program with parameters in the normal way and received parameters in return. Eradani Connect handles the connections and translations. And this is not just for individual fields. Eradani Connect can handle complex arrays and data structures with unlimited amounts of data and record sizes.

The Eradani IBM i to open source connector will even generate code stubs for both sides so that developers no longer have to worry about dual maintenance when changes are made to the data schema. The open source and RPG code will be kept in sync automatically as changes are made to a single central data description. When you change that description, Eradani Connect will regenerate the connection code for you.

Eradani has IBM i Champions and technology experts on staff who can help you implement Open Source technologies in your organization.

We get you there.

Eradani Connect ensures you have the flexibility to adopt whatever technology you need without “locking you in.”

✦ **No Lock In!**

Eradani Connect does NOT require you to write either your IBM i code or your Open Source code using non-standard, proprietary techniques. Open Source developers do NOT need to write their code as if they were RPG programmers and RPG programmers do NOT need to write their code using Open Source methods. That means that even if you were to choose to swap out Eradani Connect in the future for another connection framework, you would NOT need to change any of your application code.

✦ **Eliminate the IBM i Outlier Label!**

With Eradani Connect, the IBM i looks to the Open Source world like any other platform. It is accessed in the same way and provides the same results. Open Source developers will no longer complain that the IBM i is ‘different’ and inaccessible.

✦ **Eradani Connect Supports Secure IBM i Connections!**

Eradani Connect provides templates for implementing Token-Based security for your connections. Token-based security means you will not need to send your IBM i credentials across the internet every time you make a service call. And you will not need to store your IBM i credentials in the browser. Once you sign into the application, the client and the server will use encrypted tokens for authentication.

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