



# RPG-XML Suite > Data Integration

## About

RPG-XML Suite is a next-generation toolset that allows System i RPG shops to maximize and modernize their investment in the System i. With RPG-XML Suite, RPG programmers have everything they need in their familiar RPG environment to compose, transmit, receive and parse XML documents directly from the System i. This functionality enables RPG programmers to quickly develop applications that make System i-based data available to remote applications.

RPG-XML Suite is easy to use and requires no Java, Websphere or complicated training. Installation is as simple as restoring a save file and you'll be up and running in minutes. The typical learning curve for an RPG programmer to learn Java or .Net is six to nine months. RPG-XML Suite will save on your bottom line by eliminating the need for specialized personnel or additional training.

## Uses

There are many uses for RPG-XML Suite in your organization. Some of the most common are:

- Authorize credit cards for payment and settlement using any number of different online credit card providers.
- Communicate with shipping carriers (i.e. UPS, USPS, DHL, FedEx) to obtain package tracking information, address validation, time in transit and much more.
- Automate processing and transfer of Purchase Orders, Shipping Acknowledgements and Order Status with your trading partners in real-time.

## Features

The RPG-XML Suite has been developed as a toolset by programmers who know what businesses deal with regarding web services. Programmers develop web services completely in RPG, and are able to learn from tutorials, definitions and examples. Learn about XML, SOAP, SXD and WSDL from an RPG programmer's perspective.

## Overview

### Create Web Services from RPG.

Parse, compose and transmit XML using RPG-XML Suite's service programs right from your System i.

### Seamless Data Integration

Interface native System i applications with non-System i programs using industry standard XML.

### Easy to Learn and Use

No Java or WebSphere is required. Programmers develop web services completely in RPG. Accomplish your company's SOA and web service objectives without leaving the RPG environment.

*Authorize Credit Cards*

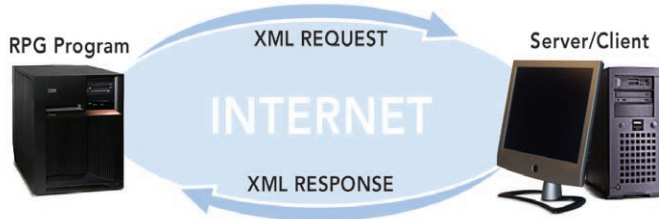
*Communicate With Shipping Carriers*

*Automate Purchase Orders*

# RPG-XML Suite – How it Works

## Calling Web Services with RPG-XML Suite

The RPG program composes and passes an XML stream from the remote web service on the Server/Client and receives back the response XML which it parses for its data contents. For example, the RPG program could send an XML invoice to a business partner to automate the billing process, or a purchase order could be sent to a supplier to automate the shipping of widgets to your company.



## Remote Web Services Calling RPG-XML Suite

The RPG Web Service running under Apache receives and parses the XML. Once the RPG Web Service program makes the data from the XML document available, you can call other RPG business logic or simply store the information to the DB2/400 database. The RPG Web Service program can then compose an XML response and return it to the caller (Server/Client).

For another example, a CRM application used by sales personnel to add new accounts might reside on another machine. That application could send the newly created account information to the RPG Web Service, which would write it to the appropriate DB2 database for filling future orders.



RPG-XML Suite was built by RPG developers who have lived through creating web services in RPG and Java without a well-packaged toolset. There are a handful of alternatives that will allow RPG to connect to the outside world (like front-ending it with a Java web service), but those alternatives require the introduction of a new programming language into your environment, which can be very costly and labor intensive.

## Product Details

### Create web services on the System i and call web services via XML on remote machines.

- Send or receive order status detail via XML
- Send or receive applicant data to/from a third party for verification or approval
- Automate billing processes with trade partners
- Automate shipping processes with trade partners
- Send or receive data in CRM applications to/from the System i
- Automate credit processes for financial and insurance institutions
- Verify logistical data for businesses in the transportation industry
- Automate general workflow processes in an XML Web Service standard
- And many, many, more practical business circumstances
- No Java or WebSphere required

Call now for  
a **FREE**  
30-day Demo

1-888-RJS-SOFT



Get the information you need. **Now.**

1-888-RJS-SOFT [www.rjssoftware.com](http://www.rjssoftware.com)

