

# InRule® for JavaScript

*Execute Rules in the Browser, in Mobile Apps, or Anywhere JavaScript Can Run!*

## The First and Only BRMS that Can Execute Natively in JavaScript

InRule® for JavaScript is the first and only commercial business rules management system (BRMS) that allows for native rule execution in JavaScript.

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### **InRule for JavaScript Allows Rules to Run Anywhere JavaScript Executes Including:**

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- » Web forms to improve the user experience and decrease abandonment rates
- » Mobile apps to support offline capabilities
- » Dynamics CRM forms for client-side validation to increase user acceptance
- » Projects that leverage Node.js, including Amazon Lambda

For both web developers and mobile developers, InRule for JavaScript makes it easy to author, deploy and execute logic for both the client-side and server-side. When used with mobile apps, it allows rules to execute when the device is disconnected, providing rich functionality to the end user regardless of connectivity.

By providing an alternative to writing complex business rules and calculations in code, InRule for JavaScript helps provide a better end-user experience in applications and saves organizations time and money.

### **PACKAGE BUSINESS RULES FOR DEPLOYMENT INTO JAVASCRIPT**

irDistribution™ forms the core of InRule for JavaScript. It is the service that packages business rules authored in irAuthor®, along with the rule engine and irSDK®, into a single JavaScript file. The file is then minified and obfuscated so that it can be deployed like any other .js file.

In addition, the irDistribution service can be called from a build process, allowing for rule changes to be easily deployed in the same manner as any other changes in the application.

## InRule is Designed for Real World Scenarios

### *DISCONNECTED MOBILE APPLICATIONS*

Mobile workforces, including sales personnel, service providers and healthcare workers, prefer to do their work on tablets instead of PCs. In addition, they expect their mission critical apps to work regardless of network connectivity.

To meet these demands, enterprise architects build hybrid mobile applications that can run in disconnected mode. Since hybrid mobile apps are simply web apps deployed in native app containers, InRule for JavaScript is the ideal solution for using a BRMS in multi- platform, disconnected scenarios.

## WEB APPLICATIONS

Enterprise architects should consider the use of InRule for JavaScript within web applications to allow for business rules to be split between the client and the server for an improved user experience.

Running rules in the browser alleviates the pain of waiting for the server to process business logic. Client-side rules can be built to validate data as soon as the user tabs out of a field!

In addition, client-side logic enables a dynamically driven UI based on responses entered into a form. This decreases abandonment rates by only showing the most relevant content, thereby fostering a better experience for users.

## MICROSOFT DYNAMICS CRM FORMS

For enterprises that use Microsoft Dynamics CRM either as a CRM or as an application development platform, InRule for JavaScript allows complex business rules to be run directly in Dynamics CRM forms or in the tablet app in connected or disconnected mode. The result is an enhanced user experience and the ability to validate input in real time.

## About InRule Technology®

InRule Technology® enables organizations to make faster, more effective decisions by reducing change cycles and automating business rules. IT and business personnel use InRule's Business Rules Management System (BRMS) to easily put Policy into Practice™, in hours not days, to increase productivity, grow revenues and improve customer service.

More than 300 members of the InRule User Community in 21 countries rely on InRule to reduce development and change cycles by up to 90 percent for their core systems and customer-facing applications.

InRule Technology is a Microsoft Certified Gold Partner and has been delivering significant and measurable business and IT results to customers since 2002.

Our customers will tell you how we helped them succeed with leading technology and peerless support. In fact, 98% of our customers would recommend us to a colleague.



» *InRule users save time and money and improve quality.*

To learn more about InRule or to request a free trial, visit [www.inrule.com](http://www.inrule.com).