Rainbird brings automated decision-making to Blue Prism RPA, giving customers the ability to replicate and scale human expertise.

The Blue Prism and Rainbird technology alliance partnership integrates Rainbird's decision automation platform with Blue Prism RPA to deliver end-to-end intelligent automation at scale. Blue Prism orchestrates the tasks and workflow of the digital worker, while Rainbird automates the nuanced human decision-making which occurs within these processes.

Machine intelligence enhances the value of Blue Prism RPA

Rainbird lets you model the thought processes of your smartest employees, and use this to quickly automate decisions which are typically 100x faster and 25% more accurate, with full explainability. We call this machine intelligence. With open architecture, the Rainbird platform can interact seamlessly with Blue Prism RPA to replicate how an employee both completes tasks and makes reasoned decisions. Built using human expertise, Rainbird's unique machine intelligence capabilities add a crucial layer of complex and high-value reasoning to the scalable efficiencies of the Blue Prism platform.

How it works

The Rainbird platform has two main parts: the studio (a visual, low-code interface designed for business users and non-technical professionals) and the inference engine (which handles complex, non-linear decision automation while accounting for uncertainty and missing data).

Subject matter experts encode their knowledge in the Rainbird studio so that decisions can be automated using the platform's inference engine; once tested in the studio, the API can be connected to other systems or exposed to end-users via a website or chatbot.

Joint Value Proposition

The combination of Rainbird and Blue Prism's Digital Workforce means that wherever employees are making decisions that are commercial, transactional and high-volume, businesses can now use an integrated solution that can fully automate and augment the human decision-making process.
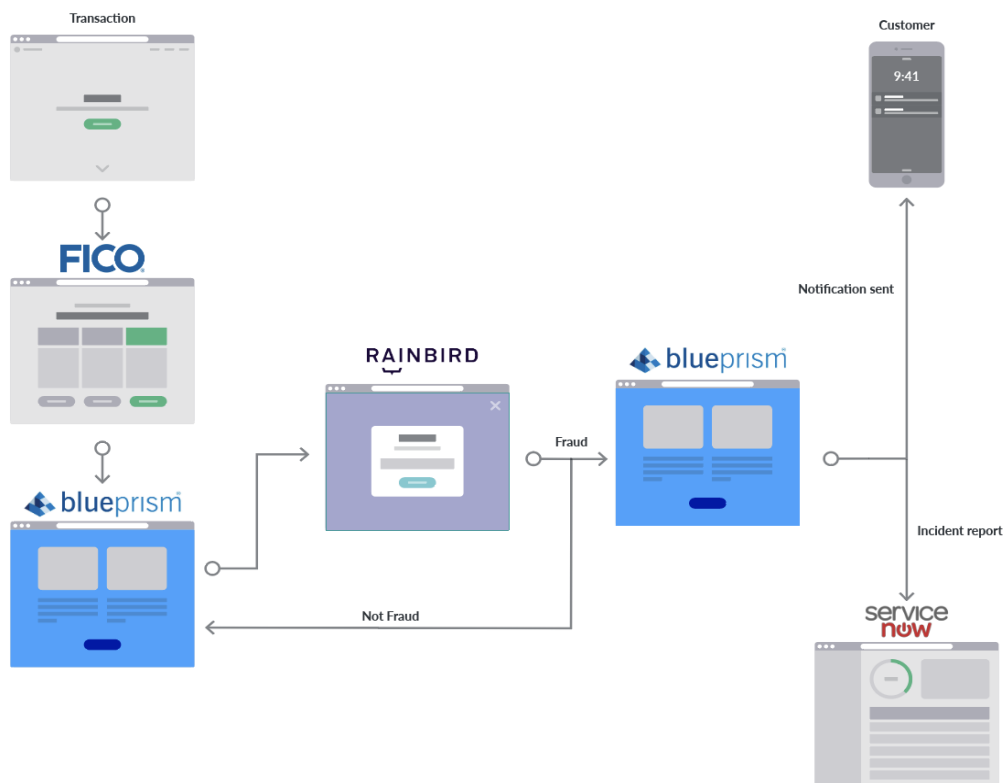
Rainbird improves the speed, accuracy, scale and transparency of decision-making. A Blue Prism digital worker can refer to Rainbird to solve a problem and then act on the answer provided, without needing to refer to a human worker. This can remove major bottlenecks within complex transactional processes which would previously require frequent and time-consuming human intervention.

Integration example - Automated Fraud Investigation

Blue Prism and Rainbird have collaborated on an automated fraud solution, which replicates the end-to-end fraud investigation process for major organisations - including data gathering (Blue Prism), case decisioning (Rainbird), and follow-up action (Blue Prism).

Despite a recent uptake in automation, fraud investigation processes are still very manual, in particular for large banks and insurance businesses. They deal with a high and often unpredictable volume of cases which are increasing in complexity, and often involve hundreds of employees. Operational costs are high, and the quality and speed of response is often less than desired. However, our Automated Fraud Investigation solution can significantly reduce costs in year 1 by introducing unprecedented speed, accuracy and scalability. The solution is also fully auditable and explainable.

Integration overview diagram

Summary

The combination of Blue Prism and Rainbird offers a comprehensive intelligent automation offering for end-to-end processes and decision-making, taking organisations much further along the automation journey and unlocking significantly greater value. This is evidenced in particular by our Intelligent Fraud Investigation solution, which can help organisations (such as banks or utility companies) to address the significant and growing challenge of monitoring and preventing increasingly sophisticated fraudulent activity. This is just one of many use cases which Blue Prism and Rainbird can help to address.

About Blue Prism

As the pioneer, innovator and market leader in Robotic Process Automation, Blue Prism (AIM: PRSM) delivers the world's most successful Digital Workforce. Blue Prism provides a scalable and robust execution platform for best-of-breed AI and cognitive technologies and has emerged as the trusted and secure RPA platform of choice for the *Fortune 500*. For more information, visit www.blueprism.com.

About Rainbird

Rainbird is an intelligent automation platform which lets you build visual models of your smartest employees' thought processes. The platform then uses these models to automate decision making at rates typically 100x faster and 25% more accurate, with full explainability. For more information, visit https://rainbird.ai/