

## Technology Alliance Program – Solution Brief

## Blue Prism + Alteryx: End-to-End Analytics &amp; Data Science Solution for Automation Workflows

ABOUT  
ALTERYX  
APA

Alteryx Analytic Process Automation Platform™

The Alteryx Analytic Process Automation Platform unifies analytics, data science and business process automation to accelerate digital transformation. Every data worker is empowered to solve problems by unlocking predictive and prescriptive insights for quick wins and fast ROI.



## CHALLENGE

The explosion of data has forced businesses to leverage technology creatively and proactively for business agility. **But extracting data into enterprise pipelines from new and legacy systems is challenging and labor-intensive.**

And, for citizen data scientists and RPA developers working in silos, it can be **challenging to collaborate effectively with an automation Center of Excellence (CoE)** to create meaningful enterprise automation initiatives.



## SOLUTION

Alteryx APA works in parallel with Blue Prism to **streamline and automate complex analytics in data-driven processes for use within an end-to-end automation workflow.**

**Access, prepare, and blend data from anywhere** and drive end-to-end automation across data and operational procedures quickly and easily within the enterprise.

**Get access to hard-to-reach data for valuable insights.** Extract data from or input to legacy applications, non-API sources, websites, and more.



## BENEFITS

Blue Prism and Alteryx **maximize the value of business data** to get actionable information for improved decision-making and increased efficiencies.

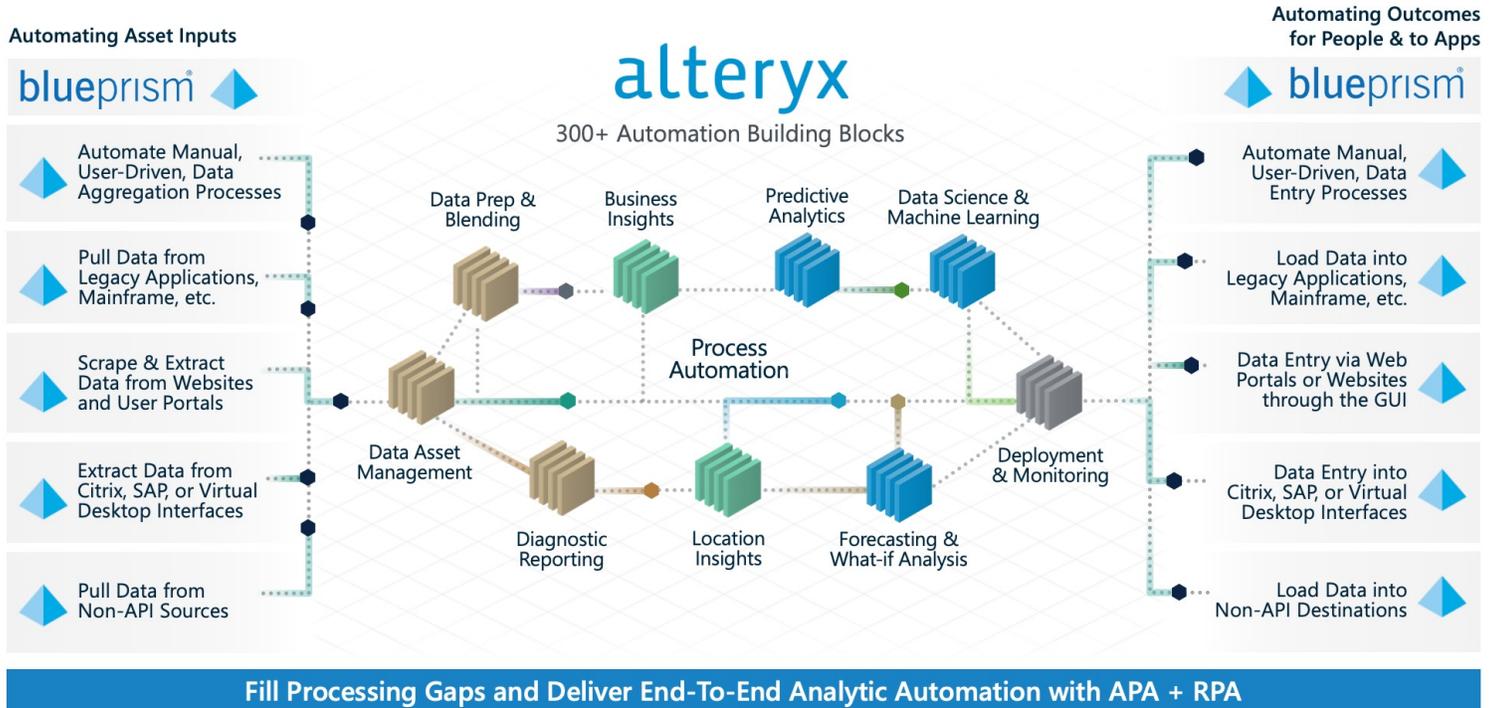
**Alteryx and Blue Prism help enterprises deliver quick wins and transformative outcomes** through the democratization of data, analytics, and workforce upskilling.

Fosters a **more collaborative, CoE-led solution within a developer-centric environment** to create effective machine learning models and embed those into workflows for end-to-end process automation deployment.

## Extend the reach of analytics automation & get more value from data – no matter where it resides.

- **Get better insights, use ML to discover opportunities:** Enterprises get better visibility into data stores across the enterprise – as well as the ability to use that data and gain the insights to make smarter decisions by applying data science and machine learning to a multitude of use cases.
- **Bottom-line returns:** Decrease operational costs that are heavily reliant on FTE and automate manual and analytical processes to promote end-to-end automation of data-driven tasks.
- **Top-line growth:** Embed machine learning models for specific use cases in end-to-end automated outcomes regardless of the data input locations – and focus on growing your business.
- **Reduced risk:** Alteryx APA and Blue Prism work in tandem to deliver automated data workflows that can be audited, before, during, and after a process.

# End-to-End Analytic Process Automation



## HOW IT WORKS

With the [Blue Prism Custom Tool](#) for Alteryx Designer, Alteryx users can queue **Blue Prism Digital Workers** within their analytic workflow. Digital workers (autonomous software robots) can automatically fetch data from, and input data into, non-API sources and locations that are traditionally difficult to reach.

Located on Blue Prism's Digital Exchange (DX), the [Alteryx Visual Business Object \(VBO\)](#) enables Blue Prism digital workers to interact with the Alteryx Gallery API to call Alteryx workflows, Analytic Apps, and other Alteryx analytic functions. With this capability, Blue Prism developers can include an Alteryx analytic process within their RPA task. Once the analytic process is complete, output data can be used by Blue Prism digital workers for input into online web forms, mainframe terminals, legacy systems, or other end-points.

Digital workers leveraging an Alteryx analytic process can also run an automated machine learning (AutoML) model to enable intelligent outcomes. Digital workers can be empowered to do more with data, with additional capabilities to leverage dynamic data for input into a process, as well as utilizing variables (data decisions) to determine actions.

Alteryx and Blue Prism make it possible for businesses to deploy a robust analytics automation solution that also offers the benefit of an intelligent digital workforce. This eliminates tedious manual work in retrieving, enriching, preparing, and analyzing data; reducing time spent processing data; and increasing access to data that was previously locked away in legacy systems.

Accelerate Digital Transformation with Intelligent Automation  
powered by **Blue Prism & Alteryx**

## USE CASE

## Eliminating Complexities in Tax Data Preparation

Tax preparation is traditionally time-consuming, tedious work. Navigating the complexities of tax code laws, retrieving data for analysis, and making sense of it all with actionable insight takes time and effort — resources businesses value most.

**Alteryx and Blue Prism make it possible for businesses to make informed tax decisions faster, increase revenue, widen margins, and reduce errors – all within a secure, auditable, and governed environment.**

Other joint benefits include:

- Minimized tax liabilities, penalties, and reduced audit costs
- Better regulatory, fraud and security compliance because of transparent, auditable workflows
- Easily identify additional cost savings and improve processes
- Better insights mean more effective campaigns, improved customer engagement, and increased revenue
- Easier access to centralized data offers the ability to make faster, more educated business decisions
- More time for value-added tasks

## SUMMARY

**Blue Prism** automates high-volume tasks required to access data locked in legacy systems, those without APIs, and those requiring human input to reduce errors and save both time and money.

**Alteryx APA** unifies analytics, data science and business process automation in one, end-to-end platform to accelerate digital transformation.

**Together, Alteryx APA + Blue Prism offer an end-to-end analytics, data science, and business process automation solution that lets organizations:**

- **Create and derive value from all data** – whether structured or unstructured, and no matter where it resides; AND
- **Streamline and automate complex analytics** in data-driven processes for use within automation workflows.

## LEARN MORE

### ABOUT ALTERYX

As a global leader in analytic process automation (APA), Alteryx unifies analytics, data science and business process automation in one, end-to-end platform to accelerate digital transformation. Organizations of all sizes, all over the world, rely on the Alteryx Analytic Process Automation Platform to deliver high-impact business outcomes and the rapid upskilling of their modern workforce. To learn more, call +1 888 836 4274, or visit [www.alteryx.com](http://www.alteryx.com).

### ABOUT BLUE PRISM

Blue Prism is the global leader in intelligent automation for the enterprise, transforming the way work is done. At Blue Prism, we have users in over 170 countries in more than 1,800 businesses, including Fortune 500 and public sector organizations, that are creating value with new ways of working, unlocking efficiencies, and returning millions of hours of work back into their businesses. Our intelligent digital workforce is smart, secure, scalable and accessible to all; freeing up humans to re-imagine work. To learn more visit [www.blueprism.com](http://www.blueprism.com) and follow us on Twitter [@blue\\_prism](https://twitter.com/blue_prism) and on [LinkedIn](https://www.linkedin.com/company/blueprism).