



# Robotic Process Automation

Automate business processes to improve efficiency, consistency and accuracy

Q1 2019

## ROBOTIC PROCESS AUTOMATION

ANTWORKS

CONSTELLATION  
ShortList™

K2

AUTOMATION ANYWHERE

8

KOFAX KAPOW

BLUE PRISM

solutions  
to know

PEGA

EDGEVERVE

UIPATH

© 2019 Constellation Research, Inc. All rights reserved.

The Constellation ShortList™ presents vendors in different categories of the market relevant to early adopters. In addition, products included in this document meet the threshold criteria for this category as determined by Constellation Research.

This Constellation ShortList of vendors for a market category is compiled through conversations with early adopter clients, independent analysis, and briefings with vendors and partners.

### About Constellation Research

As an award-winning Silicon Valley-based strategic advisory and futurist analyst firm, Constellation Research serves leaders and organizations navigating the challenges of digital strategy, business-model disruption and digital transformation.

Constellation works closely with solution providers, partners, C-suite executives, board of directors, and its Constellation Executive Network of buy-side leaders to lead the way in research coverage and advise clients how to achieve valuable business results.

### About This Constellation ShortList™

When people are faced with mundane or repetitive tasks, their employee satisfaction drops, and the quality of their work suffers. Thankfully there are applications available that can help alleviate some of these tasks, improving the quality of work. These tools are referred to as Robotic Process Automation (RPA).

RPA software is trained to understand the workflows or business processes in which human employees are responsible. This could range from data entry to intricate steps in a loan application or insurance claim. Instead of relying on complex programming languages, the software robots can be easily configured or trained using low-code or no-code approaches that allow configuration through visual process maps and process definitions.

While the RPA market is converging with existing business process management (BPM) and workflow tools, this evaluation considers the standalone vendors. Buyers should expect these tools to leverage artificial intelligence to blur the lines between human and machine processes.

## Threshold Criteria

Constellation considers the following criteria for these solutions:

- Attended operations
- Unattended operations
- Server-based solutions
- Data pooling and collection
- Bot development
- Control room
- Reporting tools and analytics
- Resilience
- Macro or scripted automation
- IT automation business process management
- Plug-in architecture tools and integration
- Automation management features
- Product versus services focus
- Input/output options

## Frequency of Evaluation

Each Constellation ShortList evaluation will be updated every 180 days as needed.

## Evaluation Services

Constellation clients may work with the analyst and research team to conduct a more thorough discussion of this Constellation ShortList. Constellation can also provide guidance in vendor selection and contract negotiation.

## Business Themes



Future of Work



Technology Optimization

## The Constellation ShortList™

Constellation evaluates over 40 solutions categorized in this market. This Constellation ShortList is determined by client inquiries, partner conversations, customer references, vendor selection projects, market share, and internal research.

- AntWorks
- Automation Anywhere
- Blue Prism
- EdgeVerve
- K2
- Kofax Kapow
- Pega
- UiPath

To learn more:

Visit [www.constellationr.com/ShortList](http://www.constellationr.com/ShortList)  
or email [shortlist@constellationr.com](mailto:shortlist@constellationr.com)



### Alan Lepofsky Vice President and Principal Analyst

Alan Lepofsky covers the Future of Work with research focusing on both the technological and cultural changes impacting the employee

experience for both personal productivity and team collaboration. This includes topics such as how automation and workflow, natural language processing, wearable devices, and augmented and virtual reality are helping people connect and engage with colleagues and customers better than ever before. He works closely with the top software vendors in collaboration and communication, work coordination, group messaging, and content creation and sharing.



*\*This report was authored in conjunction with R “Ray” Wang, Founder and Chairman at Constellation.*