



Robotic Process Automation

Automate data input and business processes to improve employee efficiency and accuracy

Q3 2018

ROBOTIC PROCESS AUTOMATION

ANTWORKS

BLUE PRISM

INFOSYS EDGEVERVE

AUTOMATION ANYWHERE

CONSTELLATION
ShortList™

8

solutions
to know

K2

KOFAX KAPOW

PEGA

UIPATH

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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™

Robotic Process Automation (RPA) trains software robots to interpret the user interfaces of applications through demonstrative steps. These robots can then perform actions, such as data entry or steps in a business process, reducing the need for human involvement. 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.

Organizations that employ RPA can increase the accuracy and efficiency of processes, and free up employees to focus on areas such as innovation and relationship building. This augmented humanity approach complements existing automation initiatives while delivering huge returns on investment as workers are redeployed to do more interesting and advanced work.

While the RPA market is converging with existing business process management (BPM) and workflow tools, this evaluation considers the stand-alone vendors. Buyers can expect the introduction of more machine learning and artificial intelligence in future product roadmaps.

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
- Infosys EdgeVerve
- K2
- Kofax Kapow
- Pega
- UiPath

To learn more:

Visit www.constellationr.com/ShortList
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Alan Lepofsky Vice President and Principal Analyst

With nearly two decades of experience in the collaboration software industry, Alan Lepofsky

helps organizations improve the way their employees work together to get their jobs done more effectively. Lepofsky's primary research area, The Future of Work, includes: integrating collaboration and business processes, or Purposeful Collaboration; structuring work with Social Task Management; leveraging analytics to work more productively; examining the strategic impact of mobile computing on business transformation; and measuring workforce culture based on digital proficiency instead of age.

