Intelligent Process Automation Software

AN IDC CONTINUOUS INTELLIGENCE SERVICE

IDC's *Intelligent Process Automation Software* program looks at the group of software technologies that individually or collectively manage, automate, and integrate processes. In particular, research will focus on how the injection of artificial intelligence (AI) and machine learning (ML) will increasingly speed up, simplify, and improve the level of automation in tasks, decisions, and the overall process. As enterprises focus on refactoring existing processes to better align with digital transformation initiatives and on converting manual tasks to automated ones, they are demanding a new mix of capabilities from their software providers. IDC's intelligent process automation (IPA) research will help subscriber better understand the changing needs in process, task, and decision automation and what is required to align with those changes.

Markets and Subjects Analyzed

- Process automation
- Robotic process automation (RPA)
- Use of AI/ML in process automation
- Decision automation
- Integration and API management software
- Event-driven middleware

Core Research

- Competitive Analysis of Robotic Process Automation
- Intelligent Process Automation Maturity
- Integration and Orchestration Adoption Patterns
- Event-Driven Automation and Its Impact on Processes

In addition to the insight provided in this service, IDC may conduct research on specific topics or emerging market segments via research offerings that require additional IDC funding and client investment. To learn more about the analysts and published research, please visit: Intelligent Process Automation Software.

Key Questions Answered

1. How is AI injected into process automation to simplify processes and improve levels of automation?
2. How will robotic process automation providers evolve to meet changing demands?
3. What are the adoption trends in integration software, and how does this align with vendor's capabilities?
4. How will API management software evolve?
5. How do event-driven architectures and decision automation align with intelligent process automation?
6. Why is process mining becoming more important in automation deisgn?
7. How will RPA and process automation vendors compete and cooperate as the market evolves?

Companies Analyzed

This service reviews strategies, market positioning, and future direction of several providers in the intelligent process automation market, including:

Alfresco, Amazon, Appian, Automation Anywhere, Bizagi, Blue Prism, Bonitasoft, CA Technologies, Celonis, Confluent, Dell, EdgeVerve, FICO, Google, IBM, K2, Kofax, Kryon, Microsoft, Nintex, OpenConnect, OpenText, Oracle, Pegasystems, Red Hat, Salesforce, SAP, SnapLogic, Software AG, TIBCO, UiPath, WorkFusion, Workato, WS02, and Zapier.