

Integration and Automation Tools and Technologies

AN IDC CONTINUOUS INTELLIGENCE SERVICE

IDC's *Integration and Automation Tools and Technologies* program looks at the group of software technologies that individually or collectively manage, automate, and integrate applications, connecting data between internal and external parties. This research focuses on how integration coupled with the injection of artificial intelligence (AI) and machine learning (ML) will increasingly speed up, simplify, and improve the speed of delivery of integrations and data sharing. As enterprises rethink and expand the role of integrations and developers beyond traditional IT to meet business needs, IDC's *Integration and Automation Tools and Technologies* research will help subscribers better understand changing customer needs, along with the drivers and challenges they face to uncover what is required to help customers with those changes.

Markets and Subjects Analyzed

- Integration and API management software
- Event-driven middleware and automation
- Ecosystem integration
- Use of robotic process automation (RPA) to facilitate integration
- Use of AI/ML in Integration and API management
- Integration management and development trends

Core Research

- Competitive Analysis of Integration and API Management Tools
- Integration Modernization Maturity
- Integration and Orchestration Adoption Patterns and Use Cases
- Event-Driven Automation and Its Impact on Integration Tools

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: [Integration and Automation Tools and Technologies](#).

Key Questions Answered

1. How is AI injected into integration and API management tools to simplify development and improve reliability of automation?
2. How will integration, API management, process automation, and developer tool 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 will event-driven architectures change and enhance integration design and API protocols?
6. Why are governance tools and security integration becoming more important in integration modernization?
7. How will integration and automation vendors compete and cooperate as the market evolves?

Companies Analyzed

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

Axway, Amazon Web Services, Automation Anywhere, Boomi, Broadcom, Celigo, Celonis, Cleo, Confluent, Google, IBM, Informatica, Jitterbit, Kong, Microsoft, Oracle, Perforce, Qlik, Red Hat, Salesforce,

SAP, Seeburger, SmartBear, SnapLogic, Software AG, Synatic, Talend, TIBCO, Tray, UiPath, Workato, and WS02.