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Infographic

6 Key Integration Patterns to Connect Apps Intelligently



With the average enterprise using 479 applications and 15,000+ APIs, it's no surprise that app and data silos are a significant problem for organizations. Combined with other challenges like a lack of integration resources, application owners like you are inundated.

You need an integration platform that's easy, efficient and enterprise-grade to take the weight off your shoulders. But the solution should also support various integration patterns – this infographic highlights the top six.

Real-time integration

Syncs data instantly across systems as events occur – no delays, just real-time insights.

Example: A logistics company updates inventory levels in real time as goods are shipped, ensuring accurate stock reports.

API integration

Connects software applications seamlessly using APIs to facilitate direct communication and data exchange across your enterprise.

Example: An HR system automatically creates email accounts for new employees as they onboard.

Event-driven integration

Enables systems to exchange information when certain events occur, using notifications to trigger immediate data synchronization.

Example: A warehouse system within an e-commerce business is notified whenever a customer places an order online.

Publish-subscribe integration

Allows publishers to send notifications to subscribers interested in receiving them.

Example: A healthcare organization's systems automatically receive updates and notify patients about appointments and medication management.

Batch integration

Integrates large volumes of data periodically rather than continuously.

Example: A financial firm processes end-of-day transactions in batches for reconciliation and reporting purposes.

B2B integration

Shares data and connects systems across different businesses to increase data exchange speed and accuracy.

Example: A manufacturer shares inventory data with suppliers in real time to manage the supply chain efficiently.

Source: **Informatica, An Application Owner's Guide to Intelligent Connectivity, 2024**

Equip your organization with tools to intelligently connect data, applications and people.

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