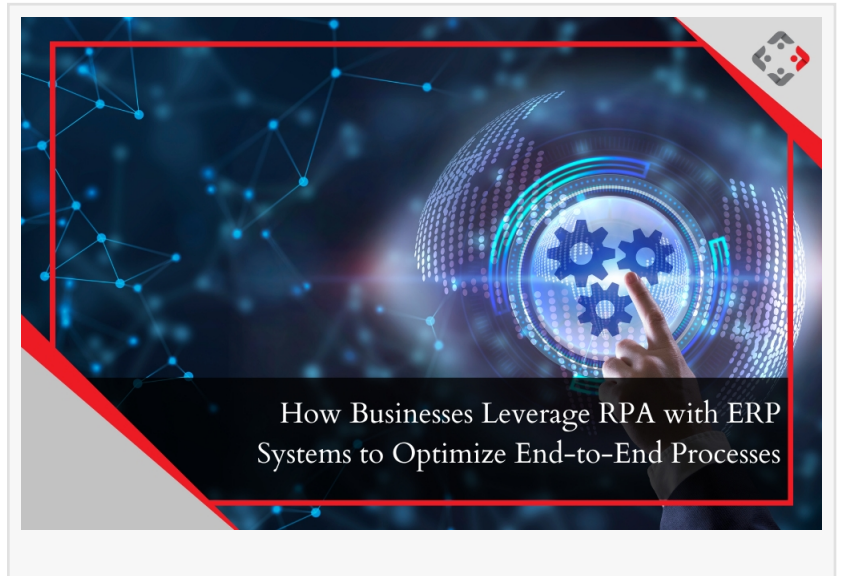


# How Businesses Leverage RPA with ERP Systems to Optimize End-to-End Processes

*BPX Launches New Structured RPA Consulting Framework to Meet Increased Demand for ERP-Integrated Robotic Process Automation in Manufacturing across industries*

PUNE, MAHARASHTRA, INDIA, April 20, 2026 /EINPresswire.com/ -- The overall improvement, formalization and extension of our methodology for delivering RPA solutions aligned to enterprise resource planning (ERP) integrations is largely driven by our customers," said, CEO of Business

Process Xperts (BPX). This extended focus responds to the growing request of mid-size and large enterprises in search of organized, end-to-end business process automation linking software bots with founding enterprise platforms like SAP, Oracle and additional ERP environments.



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BPX is a premier business process consultant who provides Business Process Consulting and other business process services.”

*Nikhil Agarwal*

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Across industries, standalone RPA deployments have fallen short of expectations because these technologies are rarely integrated with the structured data and workflows that lie within ERP systems. BPX has tailored its consulting engagement model specifically for this gap, marrying customers from process discovery to bot design, ERP integration architecture and post-deployment optimization

as a single program.

The announcement signals a both an update in methodology and expansion in service. BPX now includes process mining led identification of opportunity as a formal part of any RPA engagement, ensuring automation candidates are identified by real process performance data rather than assumption. The same has been implemented across critical business process such as Procure-to-Pay (P2P), Order-to-Cash (O2C), Record-to-Report (R2R) and Plan-to-Produce

processes extending through multiple ERP modules and functional departments.

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The BPX [□□□ □□□□□□□□□□](#) practice consists of five unique engagement phases focused on enabling automation to deliver tangible and sustainable results for the client in their business environment.

- > Initial Process Assessment and Automation Opportunity Identification: BPX performs stakeholder interviews, process documentation reviews, and key performance metric analysis to identify workflows that represent viable candidates for RPA implementation within the client ERP landscape (or where legacy screenshots in part satisfy end users)
- > RPA Solution Design and Bot Development: BPX engineers utilize platforms such as UiPath to create and build software bots designed around the unique logic of each workflow they identified. Built to latch onto ERP interfaces in the same way as a human user, automation won't need architectural changes to the underlying system.
- > ERP Integration and System Deployment: BPX manages the technical deployment of RPA bots in the client's live environment, collaborating with IT teams to enable a stable integration layer with either SAP modules (FI, MM, SD, PP or QM), legacy ERP platforms, or hybrid system environments. Structured pilot testing precedes deployment.

Post deployment, a BPX uses process mining to monitor bot performance in real time, identify bottlenecks and exceptions and drive the iterative improvement of the automation setup. That phase is important for overall RPA programs that have progressed from use cases.

- > Change Management and Workforce Enablement: BPX offers end-user training and organizational change management support to help end-users adopt automated workflows. The transition of repetitive tasks from human employees to software bots allows the firm to focus its human employees on higher-value, more rewarding responsibilities.

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We had to find the right partner with industry experience and ability to develop, implement and manage a solution that could integrate best functions from RPA with existing ERP tools. The company works with clients in late-stage manufacturing, pharma, banking, retail, logistics and ITeS sectors environments where transferability is high and transactional processes are voluminous and repetitive such that they lend themselves to robotic automation.

Context: In manufacturing and supply chain RPA implementation has been integrated with ERP systems from purchase order processing, goods receipt acknowledgment to inventory reconciliation and production planning updating For finance functions, automation helps in

automating prone to manual error activities like invoice matching, payment processing and bank reconciliation, compliance reporting that is usually a destructive time sinkhole for staff once done using ERP interfaces without automation support.

Enterprises in emerging markets and with globally distributed operations are accelerating all forms of digital transformation initiatives, and RPA-enabled ERP systems are a practical and cost-effective entry point to this one that doesn't require complete system overhaul but still provides automation benefits directly on existing deployed technology investments.

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Central to BPX's philosophy is the principle of clarifying processes prior to any automation. Only after a process is documented, analyzed for inefficiencies, and sufficiently standardization has been conducted to support the reliability of automation performance does the firm advance to bot development. By improving the process before attempting to automate it, the risk of entrenching broken workflows into software bots is lessened which helps increase the chances of accessing efficiency gains.

BPX also leverages process-mining tools such as Celonis and SAP Signavio to create an objective, data-driven baseline of current process performance both before and after implementation of [□□□□□□-□□□□□□ □□□□□□□□□□ \(□□□\)](#). This approach guarantees that automation decisions are based on measurable process data such as cycle times, exception rates and process variants rather than anecdotal evidence from stakeholders.

In companies where clients run on SAP landscapes, the BPX methodology will align with SAP Automation, SAP BTP (Business Technology Platform) and SAP S/4HANA transformation methodologies providing a cohesive approach to automation that fits within the governance umbrella of ERP rather than acting as a backdoor bypass.

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Business Process Xperts (BPX) is a process consulting company that specializes in RPA, [□□□](#), Process Mining and Mapping, DPA & SOP. BPX caters to clients from manufacturing, pharmaceuticals, banking, retail, logistics, insurance and ITeS industries with exposures ranging in ERP system lifestyles such as SAP S/4HANA | SAP Signavio | UiPath. The firm follows a structured consulting methodology that emphasizes process transparency, data-driven opportunity identification, and measurable automation outcomes.

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