

ABBYY® Timeline

Process Intelligence for Robotic Process Automation

Many organizations are embracing robotic process automation (RPA) as a key aspect of their digital transformation efforts. A “digital worker” strategy can have significant quantifiable impact for teams that plan and execute RPA projects utilizing best practices and those that can ensure optimization post-implementation. This means clearly identifying automation-friendly processes and avoiding automation of poorly designed or broken processes, while monitoring bots as processes are automated. The ability to evaluate the “as-is” state of processes helps businesses to clearly set ROI expectations, assure agile service delivery, or realize the benefits of an improved customer journey.

RPA Process Intelligence

While the majority of current RPA initiatives focus on automating high-volume, relatively simple processes involving structured data without human intervention, bots are increasingly being considered in processes with unstructured data, as well as more complex environments in which humans are part of the process, or where some cognitive reasoning may need to be employed. These complex scenarios require a new type of analysis: Timeline Analysis™.

ABBYY Timeline is the only analytics tool that allows you to analyze the data you already possess in a completely new way, no matter how ad-hoc or variable the process is. Timeline uses data left behind by all your processes, automatically creating an interactive model and generating a wide variety of analyses. The result is immediate access to process insights not possible with any other tools.

When you have a comprehensive understanding of your existing business processes and you have completed in-depth process analysis, Timeline can continue to monitor process steps to ensure they conform with required protocols and ongoing performance targets.

Organizations in all industries are facing increasing pressure to manage revenue, optimize utilization, and reduce costs. This means more and more are looking to automation in hopes of solving their process problems and saving millions in waste. To stay ahead of the competition, many are leveraging technology in new ways to ensure continuous improvement and realizing high ROI from RPA, and they are pairing it with advanced Process Intelligence to create truly intelligent automation. However, determining where and how to employ an RPA strategy is complex. Because the ABBYY Timeline platform is capable of ingesting data from any number of systems, it can help organizations identify the best candidates for process improvement and ensure bots are operating properly and efficiently, and it can even send alerts to ensure proactive remediation is being taken post-implementation. Timeline is the next generation of resource solutions and the difference-maker for advanced intelligent automation.

Insights for the entire automation lifecycle

1 Pre-implementation

100% “as-executed” process visibility allows teams to identify, analyze, and correct process execution issues such as bottlenecks, compliance risks, or mis-sequenced execution pre-RPA.

2 Post-implementation

Ensure automation investment is operating as expected. Monitor up- and downstream impacts in real time to ensure ongoing protocol compliance and receive alerts when potential violations occur. Clearly quantify ROI and ensure continuous improvement.

3 Enterprise scalability

Scale RPA to your entire organization with the ability to understand and control every automation task and its impact on operations in real-time. Timeline establishes a compliance and risk governance framework by monitoring enterprise-wide business processes in real time. Easily scale from tens to hundreds, or even hundreds to thousands, of bots with significant command and control to ensure automation remains synchronized across every process and business system it touches.

The intelligence in intelligent automation

- Ensure bots are performing as expected and implement closed-loop integration. Timeline monitors your operational platforms, sends an alert when a special condition occurs, then verifies the problem is solved.
- Monitor bot execution in real time and be alerted immediately when any violations or exceptions occur.
- Understand clear, quantifiable post-implementation cost impact that provides data-backed justification for future automation initiatives.
- Eliminate arduous, costly, and often subjective manual process evaluation with automatic process discovery.
- Easily understand exactly how processes are executing across numerous systems from end to end, both pre- and post-implementation of RPA.
- Identify potential process execution changes that can expand the scope and value of RPA investments.

For more information, please visit www.abbyy.com/timeline
If you have additional questions, contact your local ABBYY representative listed at www.abbyy.com/contacts.