Gone are the days of needing to invest in a time-consuming, subjective decision-making process – one which could be prone to bias and disagreement – any time you want to automate a work process.

Today, it is increasingly common for companies to turn to AI-powered solutions that automatically identify, analyze, and recommend processes to automate. Using objective analysis of hard data, these tools shorten the path to RPA – while adding a new degree of reliability to companies’ automation decisions.

Until recently, conventional process mining tools were the obvious choice for companies looking to achieve these goals. But Kryon’s innovative Process Discovery solution now offers businesses a faster and more flexible approach.

This guide will help you understand how Kryon Process Discovery is similar to conventional process mining tools, how it is different from them, and how it can help your business get more out of RPA.
At the heart of conventional process mining tools is the analysis of system event logs. By analyzing these logs through sophisticated algorithms, process mining tools can automatically identify and evaluate automatable work processes. These tools can also be used to find an organization’s inefficiencies in order to correct them. Additionally, some process mining tools can be used to test the accuracy of a given process map.

How effective is this approach?

System event logs can reflect valuable insights into the ways an organization works and where there is room for improvement. By analyzing these logs, process mining tools can generate a wide variety of useful information – only some of which is related to automation. However, the approach of analyzing logs is often incompatible with certain software environments, like legacy systems and Citrix, although in some cases, companies can overcome software incompatibilities by purchasing expensive data connectors.

How much human work is involved?

Conventional process mining tools typically require the work of several employees, both with a business or technical background, usually over a period of one to four months. Even if there is some degree of integration between the two systems, process mining tools are typically separate from RPA solutions. As a result, employees must create the relevant automation workflows from scratch within their RPA platform, once the organization has come to a decision as to which tasks to automate.
In contrast to process mining tools, Kryon Process Discovery is designed specifically to streamline the process of planning and implementing RPA.

How does it work?

Instead of relying on system event logs, Kryon Process Discovery comes with advanced visual recognition that can gather essential data on employees’ work processes in real time. As a result, it is fully compatible with all types of software – Citrix, legacy, web-based, and others.

Process Discovery also uses visual recognition to create process maps showing details about user actions that are not reflected in system event logs.

How much human work is required?

A single business user can manage the entire process of using Process Discovery – typically only taking one to three weeks.

And perhaps most importantly...

Process Discovery automatically creates workflows for each process that it identifies, saving you the time of creating automation workflows from scratch using your RPA platform.
Kryon Process Discovery vs. Conventional Process Mining Tools for RPA

Next, we will take a look at four specific ways Process Discovery helps your business get more benefit out of its investment in RPA.
**ADVANTAGE #1: A SHORTER PATH TO RPA**

Without an automated tool for identifying and analyzing automatable tasks, the process of planning and setting up a company’s automations can involve several time-consuming steps, including:

- **Identifying** automatable work processes.
- **Determining** criteria by which to set automation priorities.
- **Recording** key data about each of the identified work processes.
- **Analyzing** data to identify the processes best suited for automation.
- **Deciding** which processes to automate and prioritizing them.
- **Creating** automation workflows for robots to follow.

While conventional process mining tools can automate most of these steps, only Process Discovery can take care of all of them – including creating fully functional workflows that your software robots can use to perform specific tasks. And while conventional process mining tools typically take one to four months to identify and evaluate work processes, Process Discovery needs just one to three weeks to perform its full analysis (including creating automation workflows).

**ADVANTAGE #2: COST SAVINGS**

Just like Process Discovery enables you to more quickly identify tasks ideally suited for automation and start automating them, it also reduces the human resources involved.

By streamlining the processes of choosing tasks to automate and creating automation workflows based on your choices, you can decrease the number of workhours – and the cost – required to get started with RPA and expand your use of automation.

Kryon also stands out for its ability to identify and evaluate all of your work processes – regardless of their software environment – helping you to automate more processes and further cut your costs.
Whereas conventional process mining tools require you to give a third-party service access to the contents of your system event logs, Kryon’s Process Discovery robots gather information from your employees’ computer screens. For added security, you can choose to create a blacklist of applications that Process Discovery will not analyze, or a whitelist of applications that it will analyze. Additionally, all of the gathered data will stay on your premises, so you never have to worry about it being transmitted online. But perhaps the biggest advantage of Process Discovery when it comes to information security stems from the analysis you won’t have to conduct. Not only will you not need to bring in outside consultants to help you determine which business processes to automate – but, even within your company, you can limit the number of people who have access to sensitive information about your processes. And since only Kryon offers you a full solution for all of your processes (with no need for the involvement of a large team of employees), you can make sure to really keep that list of people who see your sensitive data to a bare minimum.

If you’re like many companies, once you begin using RPA and see the value it offers you, you will want to increase both the number of robots making up your virtual workforce and the number of tasks these robots perform throughout your organization. Because standard process mining tools tend to charge you for each process they map, it can become expensive to continuously automate additional tasks and fine-tune existing automations. In contrast, Kryon lets you buy discovery robots that you can use repeatedly. This way, after you automate a process, you can keep reusing your discovery robots to gather analytics and identify ways to further increase efficiency – helping you achieve continuous process optimization.
5 Tips for Maximizing the Benefits of Process Discovery

1. If Process Discovery identifies variants of a certain process, examine how common each variant is before deciding which one(s) to automate.

2. To save valuable time and resources when automating a process, make sure to export its automatically generated workflow directly into the Kryon Studio (instead of creating a new workflow from scratch). Then you can fine-tune it before assigning it to your software robots.

3. When deciding which team member will manage your use of Process Discovery, pick a business user with a strong understanding of your company’s day-to-day functioning.

4. If you use certain programs to handle particularly sensitive data, create either a blacklist (programs from which Process Discovery won’t collect data) or a whitelist (programs from which Process Discovery will collect data).

5. After you have automated a process, use your Process Discovery robots to evaluate how well it is running and identify ways you can improve it – as well as to continue identifying new tasks to automate.

Conclusion

If you have already started automating your work processes – or even considered automating them – then you likely know that RPA can boost efficiency, prevent human error, and cut costs. Still, how successful your company will be with automation depends heavily on the decisions you make – choices such as which processes to automate, when to automate them, and which versions of each process to automate.

Both conventional process mining tools and Kryon Process Discovery can help you make these decisions quickly and reliably, but the two types of solutions work quite differently.

Perhaps the biggest difference is that only Process Discovery was built from the ground up explicitly to streamline the process of planning and implementing automations.

What does that mean for your company?

Not only does Process Discovery help you make the right automation choices faster, with fewer human resources, and in a more secure and scalable way – but it does it all while creating fully functional workflows, empowering you to start enjoying all the benefits of RPA that much sooner.
About Kryon

Founded in 2008, Kryon delivers innovative, intelligent Robotic Process Automation (RPA) that speaks the language of business. This understanding of enterprise operation yields solutions that enable true digital transformation. Our Hybrid Automation enables virtual and human workforces to work better together, so enterprises can fully automate business processes end-to-end. Additionally, our AI-driven Process Discovery solution helps organizations identify all the processes they should automate and automatically creates automation workflows in the Kryon Studio. Leading global enterprises such as Microsoft, Allianz, AIG Insurance, and more are leveraging Kryon’s AI-powered platform to drive digital transformation and operational efficiencies.

Ready to gain a stronger sense of what Process Discovery can do for your business? To see how companies like yours really use Kryon’s RPA and Process Discovery solutions schedule a live demo today.

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