

CitraTest and Robotic Process Automation (RPA) Set to Revolutionize the IT World

Topic: Robotic Process Automation with CitraTest RPA

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For all IT people out there, the good news is that the Robotic Process Automation (RPA) market is heating up fast and is expected to reach \$2.9 Billion by 2021 (Forrester). Irrespective of your IT department, this promises to revolutionize your workload.

A virtual workforce

Think about it! You will be able to rely on robots, bots or software agents that are programmed to perform repetitive rules-based tasks across systems and applications, fully capable of emulating human activity. For example, a bot can login and navigate enterprise applications (ERP systems, Web and legacy applications, etc.), fill out forms, capture and manipulate data, trigger responses and communicate with other systems, using the interface like a real human would. In this new world, any workflow or repeatable business-rules driven processes, such as data entry, card activation, fraud claim discovery, report automation, data migration are candidates for RPA.

Dramatically improve efficiencies

This is a massive win-win for IT. Using a “virtual workforce” or a BotFarm – a deployment of RPA robots or software processes executing automation scripts – you can boost productivity and efficiency, eliminate tedious tasks, free up time for strategic activities and realize significant cost savings for your organization. To give you a flavor, an IT team tasked with moving 60,000 records manually with a team of six people planning to work on it for countless weeks was able to easily complete the project in just four days with CitraTest RPA.



Automating manual tasks

How does this all work? In a nutshell, CitraTest RPA technology automates manual tasks (or user-driven interactions) by remaining a background operation that generates real mouse activity and keyboard strokes against the target application and then responds to the images on the screen – just like a real user. With CitraTest RPA, every user action can be replicated and automated (for example, clicking on,

comparing, verifying and awaiting displaying images), and you capture, store and edit baseline bitmap images to define your automation scripts for your bots.

CitraTest RPA is powerful and flexible

This ability to work with images and image recognition instead of objects is critical in Citrix as no underlying objects or controls are delivered to the client. Instead, the server sends screen images to the end-user workstation, and keystrokes and mouse clicks are returned to the server. In addition just like a human user, CitraTest RPA does not need to 'see' an image in the same location each time. CitraTest looks at the entire desktop and when an image needs to be clicked, it will move the mouse to the desired image and issue the appropriate mouse action. CitraTest also automates keystrokes in the same way that an actual user types. The simplicity of using these three elements (visualization, keyboard and mouse) gives CitraTest RPA the power and flexibility to operate with any application or workflow so you can easily automate all your repeatable processes.

Delivering some basic AI functionality

Tevron's powerful image and optical character recognition technology can even intelligently account for changes in image display location as well as variations in color. Since Artificial Intelligence (AI) is the ability to mimic human mental capabilities like cognition, reasoning or problem-solving (versus RPA or the ability to mimic user actions), one can certainly argue that CitraTest RPA delivers some basic AI functionality to help bots cope better with changes. Regardless of your industry and vertical, RPA is here to stay. Did you know that some estimates claim that robots may replace 800 million workers by 2030? Robots have already replaced humans in 25 percent of China's ammunition factories. Let's face it – who wants to be working on a DB roll-out with thousands of records to manually move, when you can use a bot?

Get ahead of the curve. Start your RPA journey now! Put your bots to work for you taking care of mundane, boring and repetitive tasks so you can focus on what matters most.

Learn more about CitraTest RPA: <https://tevron.com/robotic-process-automation-citratest-rpa.aspx>

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