

May 25<sup>th</sup>, 2021  
 NTT Advanced Technology Corporation

## New version (Ver.7.2.1) of WinActor® RPA tool is now on sale for global market

- Further "Easy-To-Use" with advanced text processing and flexible image recognition

NTT Advanced Technology Corporation ("NTT-AT", Headquartered in Kawasaki-shi, Kanagawa, Japan; President and CEO: George Kimura) will launch the latest version (Ver.7.2.1) of RPA tool WinActor® on May 28 for global market.

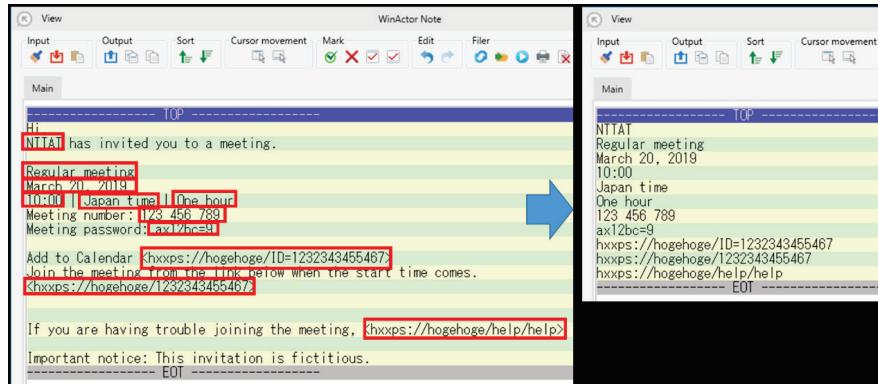
As the COVID-19 spreads, more and more companies are aiming for new work styles by incorporating Digital Transformation (DX) into their work practices. The usage of RPA is expanding not only to large enterprises but also to small and medium-sized enterprises and local governments. On the other hand, with the rapid expansion of the users, shortage of business analytical skills and IT skills required for RPA scenario creation to realize the business process automation has become an issue.

From the beginning, WinActor® has been enhancing its functions while pursuing "People-Centered" RPA that can be used even by office workers who do not have IT skills, and the number of companies that have introduced WinActor® has exceeded 6,000. Ver.7.2.1 further extends the features of Easy-To-Use WinActor® by implementing a text-processing tool "WinActor Note", an image recognition tool performing accurate image recognition matching "WinActorEye", a function to automatically generate a scenario from a tabular form "scenario template file", and a new automatic recording mode using Microsoft UI Automation. In addition, Ver. 7.2.1 enables the smooth scenario execution by disabling the screen saver during scenario execution.

### New features of WinActor® Ver.7.2.1

#### (1) Text processing tool "WinActor Note"

NTT-AT has developed a dedicated tool "WinActor Note" for advanced text processing. By accessing this tool from the WinActor® scenario, it is possible to process, extract, and use complex texts in long sentences such as email body and HTML of Web pages, which required rather complex scenario making.



[Usage Example]

The right side of the figure shows the result of removing unnecessary texts from the invitation texts and Extracting only necessary information

## (2) Image recognition tool "WinActorEye"

NTT-AT has developed "WinActorEye", a tool dedicated to image recognition (matching) that searches for the desired icon or UI by combining multiple search conditions. Users can access this tool from the WinActor® scenario and use multiple matchings and OCR functions in addition to the usual matching function. Specifically, it has functions as follow.

- Histogram search:

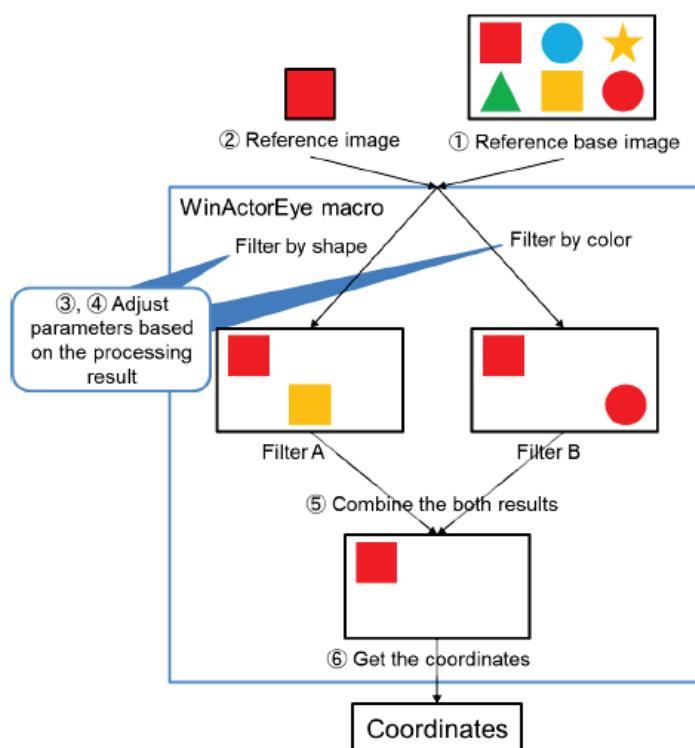
Matching (histogram search) that is robust against screen scaling is now available.

- OCR function:

Enables to convert characters on the image to texts. Microsoft OCR is used for this function.

- Multiple matching:

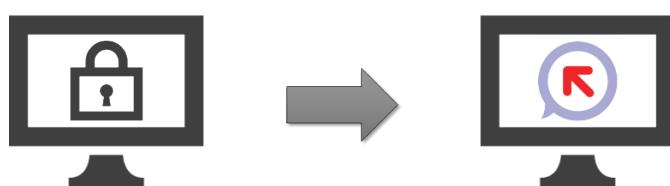
WinActorEye can now match multiple targets and select any target.



[Operation flow for multiple matching of WinActorEye]

## (3) Screen saver disabling function

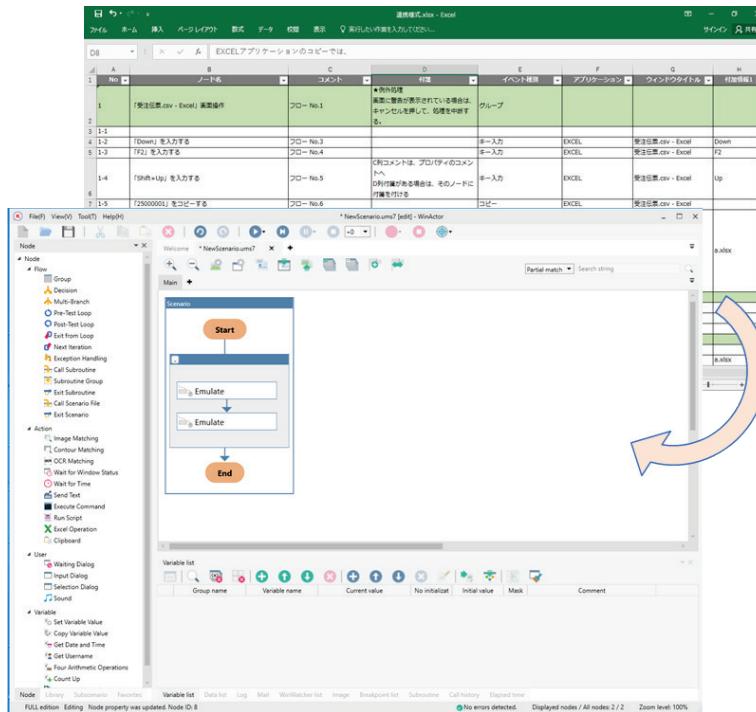
Users can prevent the screen saver from starting while the scenario is running, or can cancel the screen saver that started when the scenario is running. Even if the user does not touch the key for a long time or the scenario is executed under the managed execution mode where the user is not present, the screen saver can be canceled for the scenario to be executed smoothly.



[Screen saver can be disabled during the scenario is running]

#### (4) WinActor® scenario is automatically generated from the tabular “scenario template file”

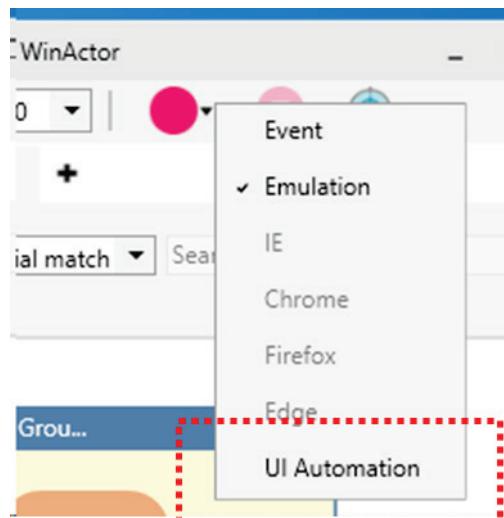
Users can automatically generate the preliminary draft of WinActor® scenario from the "scenario template file" in the table format (Microsoft Excel, CSV, etc.) that describes the operation procedure they want to automate. Scenario generation can be streamlined by using scenario template files that describe the general flow of the scenario. WinActor® can further promote the adoption of RPA in various businesses by combining it with a business analysis and visualization tool that can output a scenario template file.



[Scenario is automatically generated from the tabular “scenario template file”]

#### (5) New automatic recording mode using UI Automation

NTT-AT devised a new automatic recording mode using Microsoft UI Automation. It can automatically create scenario nodes for those application elements that were hard to be handled properly in the previous “Event recording mode” and therefore operated by image matching nodes and emulation nodes.



[New automatic recording mode using UI Automation]

## About WinActor®

WinActor® is an RPA product commercialized by NTT-AT based on the technology researched and developed by NTT Laboratories held by Nippon Telegraph and Telephone Corporation (NTT), a global ICT service provider based out Japan..

It records and automates various PC operations performed by Windows® applications and Web applications as "scenarios". It enables to accurately reproduce routine repetitive work and work that handles a large amount of data. Furthermore, without modifying the existing system, it is possible to automate complicated operations and data input across multiple systems that have been performed manually, leading to significant improvements in efficiency, quality, and cost. WinActor® is attracting attention as a tool that contributes to work style reform and operational efficiency of companies, and has been introduced by more than 6,000 companies in a wide range of industries from finance to logistics and retail. In addition to large companies, the number of users continues to increase in small and medium-sized companies and local governments.

The WinActor® Ver.7 series has been well received by beginners to advanced programmers for renewing the user interface and improving the user experience based the concept of "Do not fall into a misstep".

### Contact point for inquiries about this product:

Global Business Headquarters  
NTT Advanced Technology Corporation

#### Inquiry Form

<https://www.ntt-at.com/guide/general.html?title=WinActor>

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