

# Automai's Load Testing and Continuous Performance Monitoring for Azure Virtual Desktop

## Custom End-User Workflows Simplify Testing and Monitoring of Azure Virtual Desktop

Automai, provider of robotic automation solutions, enables IT teams with simplified load testing and monitoring tools designed to simulate real-world end-user workflows. Using Automai's ScenarioBuilder, IT teams can record navigation of their business processes and have it automatically translated into code-free scripts by Automai's GUI based workflow engine. This greatly simplifies the process for IT admins to do stress and functionality testing of even the most complicated scenarios on Azure Virtual Desktop.

Automai's building block nature allows IT admins to easily port captured application-specific workflows to various end-user use cases, greatly reducing the onboarding time of a new load test. Bots can be deployed across various Azure resource locations simulating actual end-user latencies while conducting tests.

As the application landscape continues to evolve with a mashup of services and applications across both on-prem, hybrid, and cloud use cases, the importance of continued performance testing of your application-specific workflows is absolutely crucial to ensure your business processes are fully functioning.

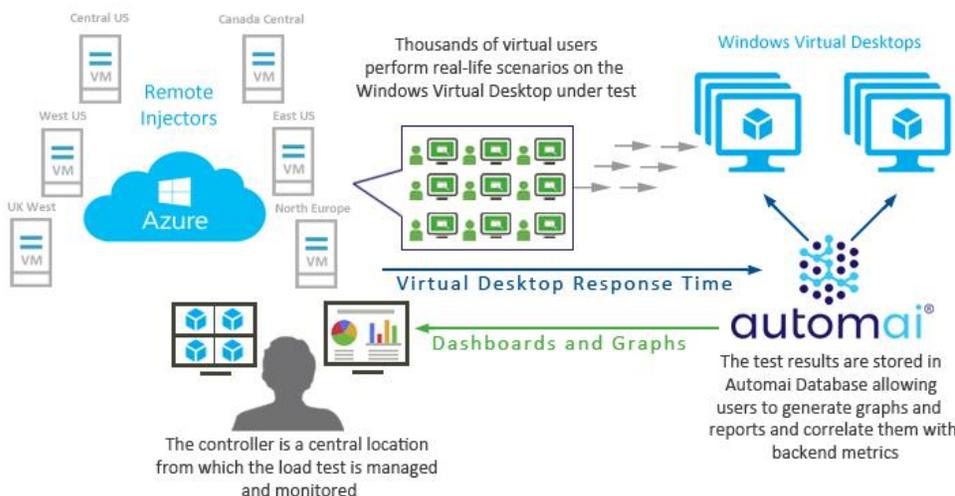
Automai doesn't stop at validating for launch. All workflow scripts created for load testing can be applied to continuous monitoring of performance in production as well. Bots constantly test end-user workflows from key locations around the clock, taking screenshots and reporting errors as they happen in real time. This allows for proactive rather than reactive fixes on line-of-business applications.

"Automai tools provide an enhanced solution for testing customized end-user workflows, deploying bots to run them at scale, and reviewing results in an easy to use single pane-of-glass portal.

Automai's smart engine allows for advanced logic, on failure, tolerance, optical character recognition (OCR), and wait times so virtually all processes running through Azure Virtual Desktop can be tested and monitored."

**Kam VedBrat, Partner Group Program Manager, Azure Virtual Desktop, Microsoft**

## Automai and Azure Virtual Desktop Integration



### How it works

Bots running the processes from individual desktops precisely emulate end-user activity and report results. Simulate hundreds to thousands of users using Azure Virtual Desktop apps from key locations, emulating real-world scenarios.

# Custom User Workflows for Azure Virtual Desktop Load Testing



## Capture workflow

Click through a process on your application to create a scenario script.



## Apply Logic

Teach bots what to do in various situations in your processes.



## Run Tests

Deploy robots to run the processes as specified. Receive results to help you make decisions.

## Benefits of using Automai for Azure Virtual Desktop:

### Test any application running on Azure Virtual Desktop

Automai gives you the freedom to test all your applications with one solution, even processes that involve multiple applications.

### Use your business workflows

Robots replicate a day in the life of your end-users. Workflows and scripts are specific to your processes.

### Simplified scenario testing for Azure Virtual Desktop

Automai's flexibility allows you to conduct multiple tests on specific end-user computing scenarios: Login/Logoff storms, shift changes, application-specific testing, different ramp time, etc.

### Proactive results

Get screenshots of errors with notes/timeline and share with team members, vendors or dev teams to communicate issues with no hassle.

### Ease transition to Azure Virtual Desktop

Simulate real end-user workflows to ensure real world performance metrics are captured. Make data driven decisions when sizing the future state Azure Virtual Desktop environment.

### Cost saving

Assist with right-sizing Azure compute and associated supporting services ensuring cost savings out the gate.

### Continuous monitoring of Azure Virtual Desktop & line-of-business applications

Continuously test entire end-user workflows, get alerts when a key business process fails, down to the specific step of the workflow or function within an application.

### Use across lifecycle of your apps

One set of scripts can be used by bots for load and functional testing, monitoring, and even Robotic Process Automation!

## Automai gives you confidence on your Azure Virtual Desktop deployment

It is a challenge to test the true performance of applications running through Azure Virtual Desktop. Automai's approach of using bots to test and monitor from the GUI as real users do makes testing simple, flexible, and also gives the most realistic results.

### About Azure Virtual Desktop

Azure Virtual Desktop offers the best virtual desktop experience delivered on Azure. Azure Virtual Desktop enables organizations to deliver a virtual desktop experience and remote apps to any device. Microsoft 365 and Azure together provide users with the only multi-session Windows 10 experience — with exceptional scale and reduced IT costs.

### About Automai Corporation

For over 20 years, Automai Corporation has been a leader in automation solutions. Their intelligent engine for emulating end-user actions from the GUI is the core technology that powers load testing, functional testing, performance monitoring, and RPA solutions. Companies world wide depend on Automai's solutions for validation of real world scenarios on their applications before deployment and in their live environments, and to execute robotic tasks to relieve the workforce of repetitive work.

Automai's solutions are particularly popular for use with remote access applications because their end-user computing approach gives more control to IT teams.

For more information, visit [www.Automai.com](http://www.Automai.com).