Deploying Azure Virtual Desktops (AVD) can be complex. Liquit provides the necessary flexibility in your end-to-end AVD deployment. This document has been created to describe Liquit’s approach and recommendations to an easy and successful deployment of your AVD environment.

**STEP 1**

Create Your AVD (Master) Template

A clean master template is the key to successfully setting up an AVD deployment. Liquit Workspace offers multiple options to create the master template, ensuring fully automated AVD template deployment to your session host.

**Supported scenarios by Liquit**

**Option 1:** Create an image custom gallery image

**Option 2:** Choose a marketplace image

**Option 3:** Upload an image using Azure Image Builder

With all three scenarios Liquit will end-to-end help to create a clean and unattended Azure Virtual Desktop image to deploy applications and settings to all your end-users in an evergreen state.
Deploy Your Applications

Next, we recommend that you convert your applications to MSIX. This is a challenging step and one where Liquit Workspace and Liquit Release & Patch Management make a big difference. If MSIX is not possible Liquit will give you good and clean alternatives for the optimal AVD deployment. We help you through plan A, B and C as the end-to-end application management platform.

Plan A
Convert your applications to MSIX app attach with Liquit Release & Patch Management. Liquit transforms your current applications to MSIX using customization and MSIX Readiness data, increasing your chances to success with MSIX. Still, we expect that only half of your applications fit into this plan.

Liquit Release & Patch Management converts the applications, when possible, and automatically creates all the required deployment tasks in Liquit Workspace.

Plan B
Applications that cannot be converted to MSIX can also be deployed as App-V. Liquit Workspace simply deploys all your current apps in an Azure Virtual Desktop session, without scripting.

Existing standard Microsoft technology does not support this. Liquit Workspace deploys any application in your (stateless) virtual environment but also to your physical endpoint.

Plan C
Virtualizing apps is a great idea for applications, but they can cause conflicts and settings are persistent on the desktop. App-V was designed to keep a clean image.

We recommend that you install the applications native, as clean as possible. On application startup Liquit dynamically pushes settings for the required app, like certificates, services, registry settings, database settings etc.

With this approach application delivery in AVD is easy, the image is clean, and Liquit Workspace helps you with contextualizing and injecting your (application) settings.

The end-result of this approach is that 100 percent of your applications are deployed with zero to none scripting and less effort.

Click, Run: Ready!
Connect Your Users
The final step is to connect your end-users. Keep in mind that a new solution generally always impacts your end-users. Liquit Workspace assist you to implement Azure Virtual Desktop without disrupting your end-users.

Smart Icon Technology to the Rescue
Use our connectors to connect your existing infrastructure and deliver all applications to your end-users as normal. At the same time, you can start working on setting up a new Azure Virtual Desktop environment. With our deployment, workspace management and connector capabilities we deliver and connect this in the same platform as your current workspace solution.

Liquit’s unique Smart Icon technology and context awareness capabilities help you to create the right scenario for your users to ensure seamless access to the right resource.

Other functionalities of the Smart Icon:
- Distribution and installation of applications, settings and variables
- Filters and context awareness to get the right setting to the right user
- Smart launch actions directing users depending on the context to the right session. This can be a mix of local, on-premises SBC/VDI solutions and cloud workspaces

The end-user simply clicks on an application and Liquit launches the right session for the user depending on the context of the user. The context is defined by the IT department.

The IT department can connect to the current Server Based Computing environment and direct users to the on-premises solution, and at the same time slowly deliver the new environment to a small portion of end-users.

The user is not impacted because Liquit uses the context defined to redirect the user to the right environment, delivering it with single sign-on.

We use the application Microsoft Excel:
The user clicks on the Excel icon on her or her workspace. The user works on a laptop, corporate owned device. Liquit checks the current location and device compliancy and installs the Excel client when needed. Then Liquit starts the local application and initiates single sign-on into the Excel session.

In another scenario, the user switches to a personal device. They click the same icon, but now Liquit starts a Windows Virtual Desktop session instead. We can vary with thousands of scenarios to get the best user experience and enabling the seamless transition between any device or virtual platform.
Liquit and Azure Virtual Desktop
Liquit is an official Azure Virtual Desktop partner. We deliver images, applications, and settings to Azure Virtual Desktop.

Learn more:
Technical Documentation: docs.liquit.com
Liquit YouTube Channel: youtube.com/liquit

Highlights:
- Liquit Azure Virtual Desktop connector to sync and publish apps and desktops with one single press on a button.
- Single Sign On to Azure Virtual Desktop
- Native MSIX support – without scripting requirements
- MSIX app attach and FSlogix support with on-demand mounting
- No complex back-end infrastructure required for managing these environments
- Anywhere operations – Just standard internet ports are required
- Full hybrid support, manage and deliver Azure Virtual Desktop from any location to any device

The game-changing, end-to-end application management platform

About Liquit
Application management represents a uniquely complicated and constantly evolving problem IT teams have been dealing with for decades. Liquit’s end-to-end application management platform has raised the bar for what an application solution can mean to a business. Incredibly intuitive, highly flexible, and technology agnostic, Liquit provides its clients with a competitive advantage that increases productivity, reduces costs, and empowers the work-from-anywhere capabilities that have become a necessity in today’s market.

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