

# TCS Azure Virtual Desktop Pilot Execution

## Enabling Remote and Hybrid Workplace with NextGen Virtualization

### JUMP START AZURE VIRTUAL DESKTOP WITH PILOT IMPLEMENTATION

Enterprises are embracing cloud and virtualization to enable secure hybrid remote workplaces for employees. The key factors driving this change are workplace flexibility, operational efficiency and a secure and seamless individual experience for business agility. However, leveraging Azure Virtual Desktop (AVD) service can be a daunting task for enterprises to decode and swiftly adopt while straddling complex legacy systems.

#### READINESS ASSESSMENT

- Requirements and Persona Analysis
- New AVD setup or transformation from existing virtualization
- AVD native components like Client configuration and Connectivity
- Baseline surrounding Infrastructure for Image management, patch management, monitoring and others

#### APPLICATION JUMPSTART

- Select up to 10 applications with mixed complexity to assess AVD suitability for Enterprise
- Leverage automated tools to provide application suitability insights
- Convert applications to MSIX format where viable
- Deploy applications to AVD

#### VALIDATE AND TUNE-UP

- Engage and capture user feedback to measure Pilot success
- Application availability from anywhere, any device, anytime
- TCO reduction with 100% secured data
- Fine tune AVD design and rollout strategy to maximize business outcomes

### SUCCESSFUL IMPLEMENTATION FOR AVD

TCS leverages proven tools and methodologies to assess and pilot AVD, which offers virtualized Windows Desktop, Windows Server and Application services, powered by Microsoft 365 Suite. This solution includes the following stages:

#### ASSESS

Existing applications and desktops are assessed for load characterization, automatic modeling selection, and CAPEX and OPEX considerations

#### DESIGN

Target state is designed with virtual apps and desktops, focusing on Azure landing zones, monitoring, profile, security, storage, networks, service design and disaster recovery plan

#### DEVELOP

End-to-end project plan along with design documentation, resource requirements, and change management strategies

#### DEPLOY

Azure Infra with TCS application packaging services line to provide fitment for AVD and multi-session and hybrid support on legacy infra for leftover applications

#### MIGRATE

Apps, files and data migrated to the new environment with required security and disaster recovery controls

#### OPTIMIZE

Continuous monitoring and optimization using TCS Cloud Exponente™ and TCS Cognix™

### MODERNIZE YOUR BUSINESS WITH VIRTUALIZATION BENEFITS



80% faster time-to-market



40% cost savings compared to an on-premise setup with managed capex and opex



100% availability from any device, anywhere, anytime



70% time savings on overall patching efforts and extended Windows life cycle support

# CASE STUDY

## JUMP START FOR AVD WITH 8 WEEKS OF PILOT

(for an American learning company and one of the "big three" educational publishers)

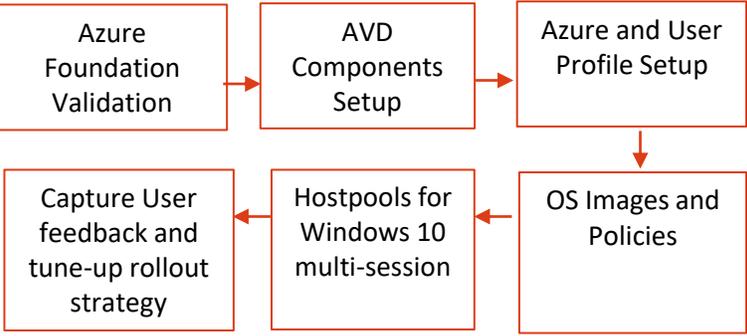
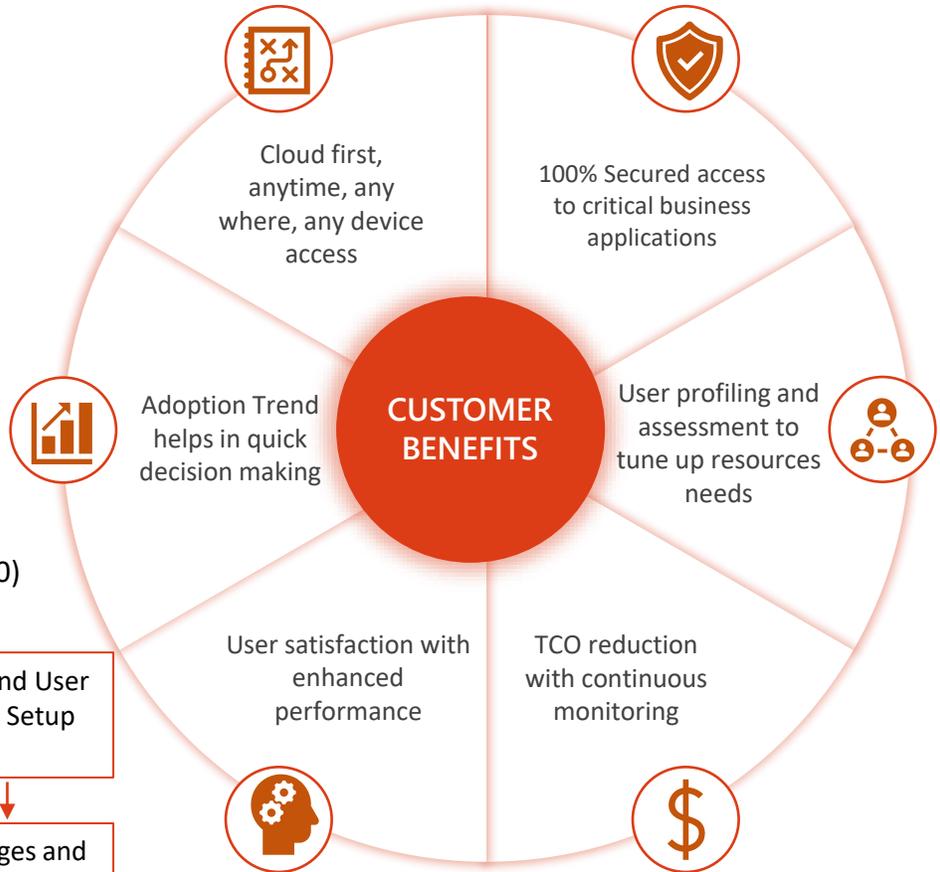
### CUSTOMER ASK

Fast paced Virtualization Pilot to assess Enterprise readiness to embrace AVD

- Azure backbone gap assessment
- Validate Infrastructure needs for seamless user experience
- Establish secure design to access Hybrid applications
- User profiling and correct sizing

### APPROACH

TCS leveraged fast paced 8 weeks Pilot for defined business group (~25 users) with identified set of business applications (up to 20)



## About Tata Consultancy Services Ltd (TCS)

Tata Consultancy Services is a purpose-led transformation partner to many of the world’s largest businesses. For more than 50 years, it has been collaborating with clients and communities to build a greater future through innovation and collective knowledge. TCS offers an integrated portfolio of cognitive powered business, technology, and engineering services and solutions. The company’s 488,000 consultants in 46 countries help empower individuals, enterprises, and societies to build on belief.

A part of the Tata group, India’s largest multinational business group, TCS has over 488,000 of the world’s best-trained consultants. The company generated consolidated revenues of US \$22.2 billion in the fiscal year ended March 31, 2021, and is listed on the BSE (formerly Bombay Stock Exchange) and the NSE (National Stock Exchange) in India. TCS’ proactive stance on climate change and award-winning work with communities across the world have earned it a place in leading sustainability indices such as the MSCI Global Sustainability Index and the FTSE4Good Emerging Index. For more information, visit [www.tcs.com](http://www.tcs.com) and follow TCS news at @TCS\_News.

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