



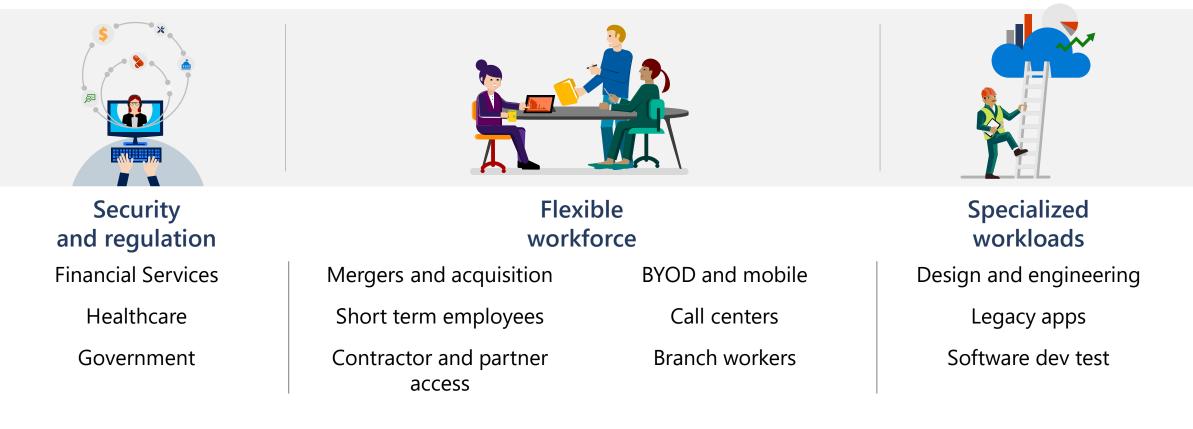
Business continuity that's unshakable: Establishing a digital workplace of tomorrow with Windows Virtual Desktop

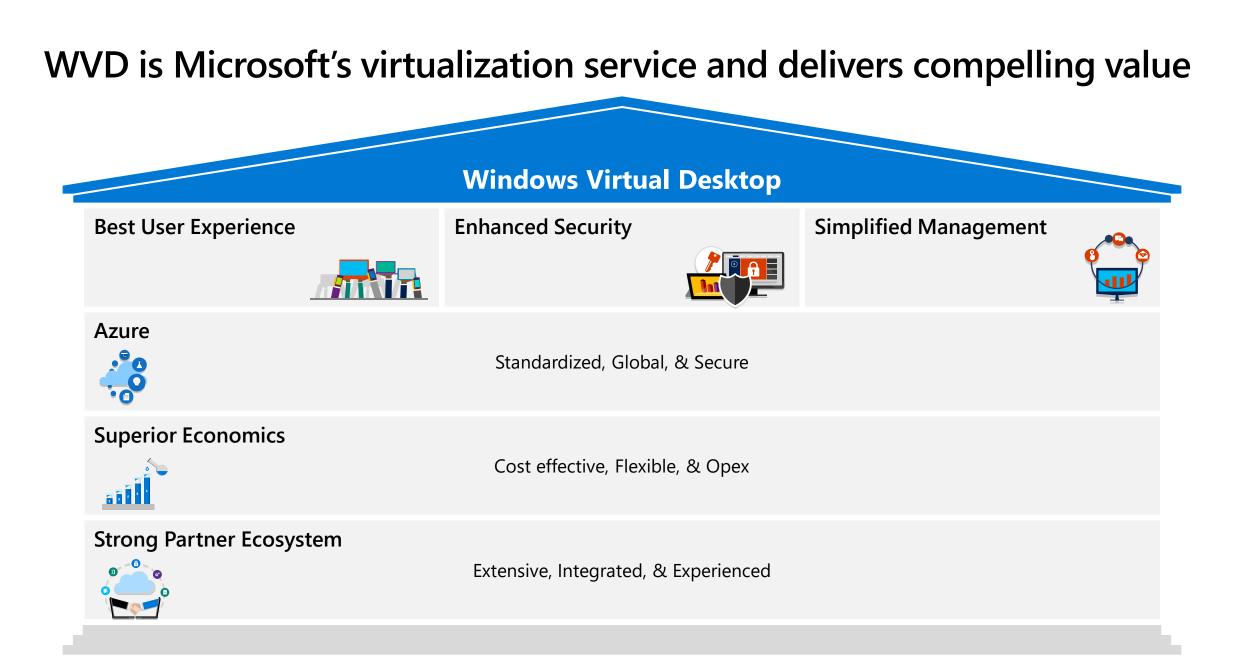


Aman Singhal

Solution architect, Azure Cloud Embee Software Pvt. Ltd.

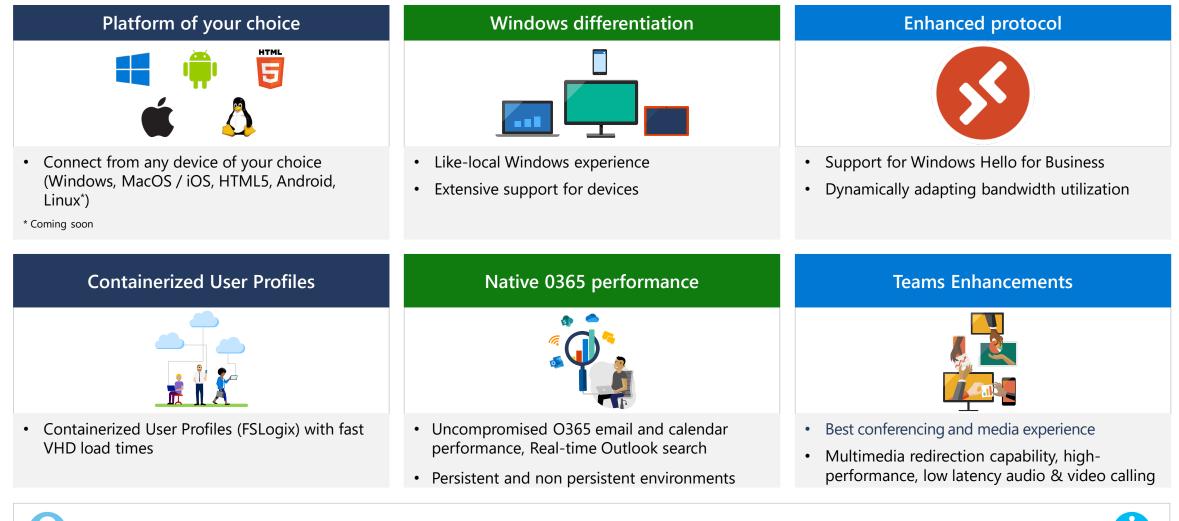
Virtualization can address a broad range of business needs





For more information 🔀 connect@embee.co.in

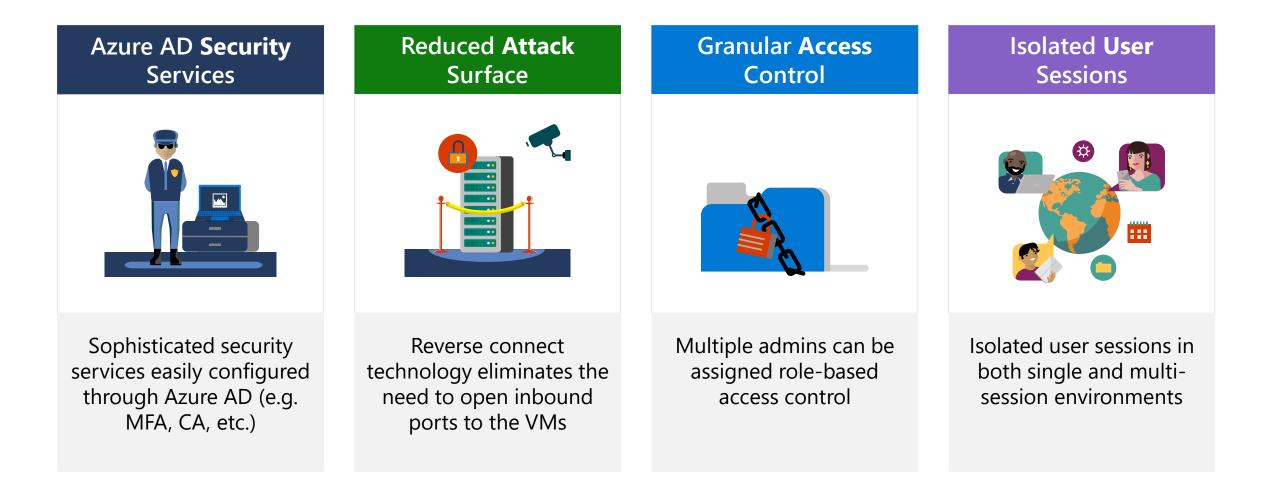
Best Virtualized End-user Experience







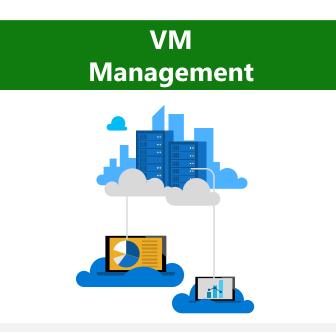
Enhanced Security with Simplified Configuration



Efficient and Simplified Management



- One service supports <u>both</u> Desktop & RemoteApp experience
- Flexible user experience through a <u>single</u> <u>host pool</u>, with multiple app groups
- Familiar Azure AD credentials, to access WVD resources



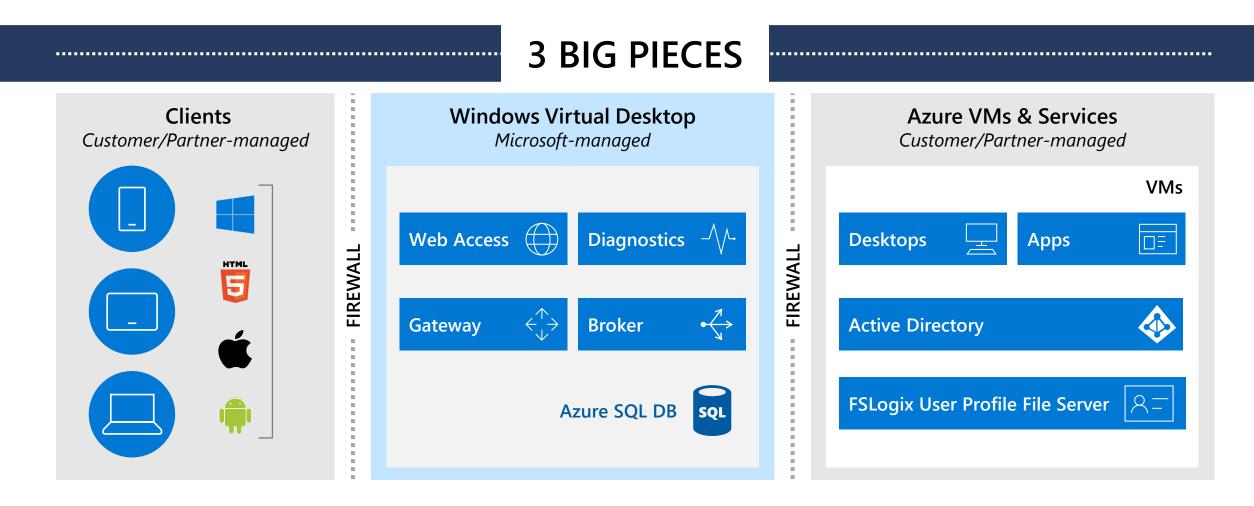
- Multiple tools for automated VM deployment
- Enhanced OS/App update tools
- Disaster Recovery with integrated Azure Site Recovery

WVD Service Management



- Simplified and effective troubleshooting using advanced diagnostic service
- 3rd party value-added services enabled by APIs

WVD Architectural Overview





Platform of choice

Best Virtualized End-user Experience

WVD allows users to connect from any device of their choice

User Experience Benefits

Local and remote UI is optimized for the various form factors across all supported platforms: Windows, macOS, iOS, HTML5, and Android

Linux SDK^{*} will enable partners to build their own high performance WVD clients for their Linux endpoints

Performance of clients built on Linux SDK is at parity with other non-Windows clients





Best Virtualized End-user Experience Enhanced WVD / remote desktop protocol

RDP enhancements deliver the optimized WVD experience for end users

User Experience Benefits

Support for Windows Hello for Business and smartcard authentication

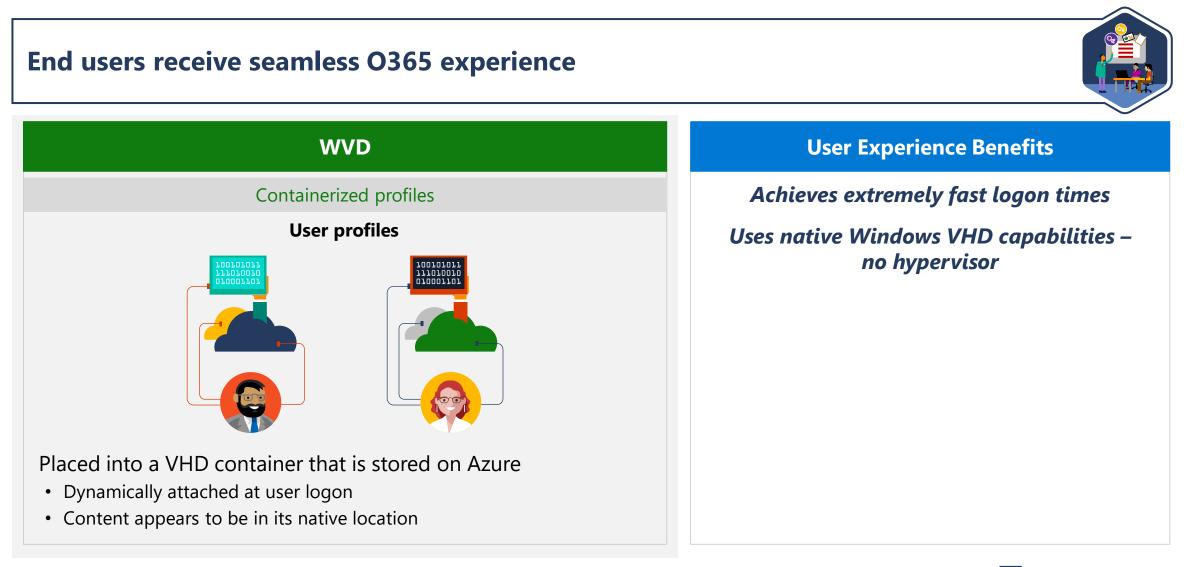
Dynamically adapting bandwidth utilization

Devices and resources redirection (camera, printers, multi-touch, pen, time zone, clipboard)

Dynamic resolution and scaling

Ē

Best Virtualized End-user Experience Containerized user profiles enable fast VHD load times

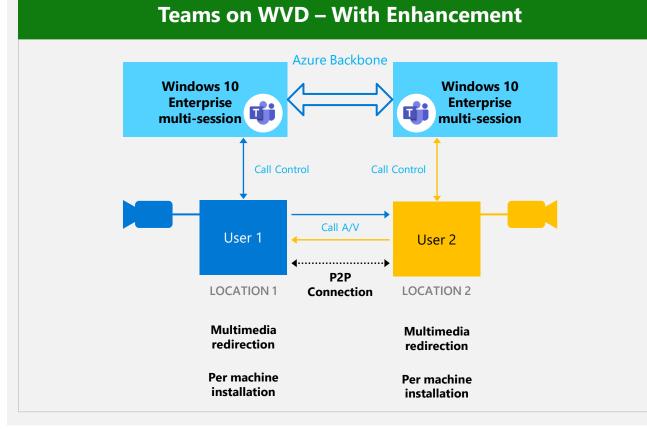


Best Virtualized End-user Experience Teams Enhancements

Ē

Teams provides end users with better conferencing and media experience





User Experience Benefits

Less network bandwidth compared to USB camera redirection

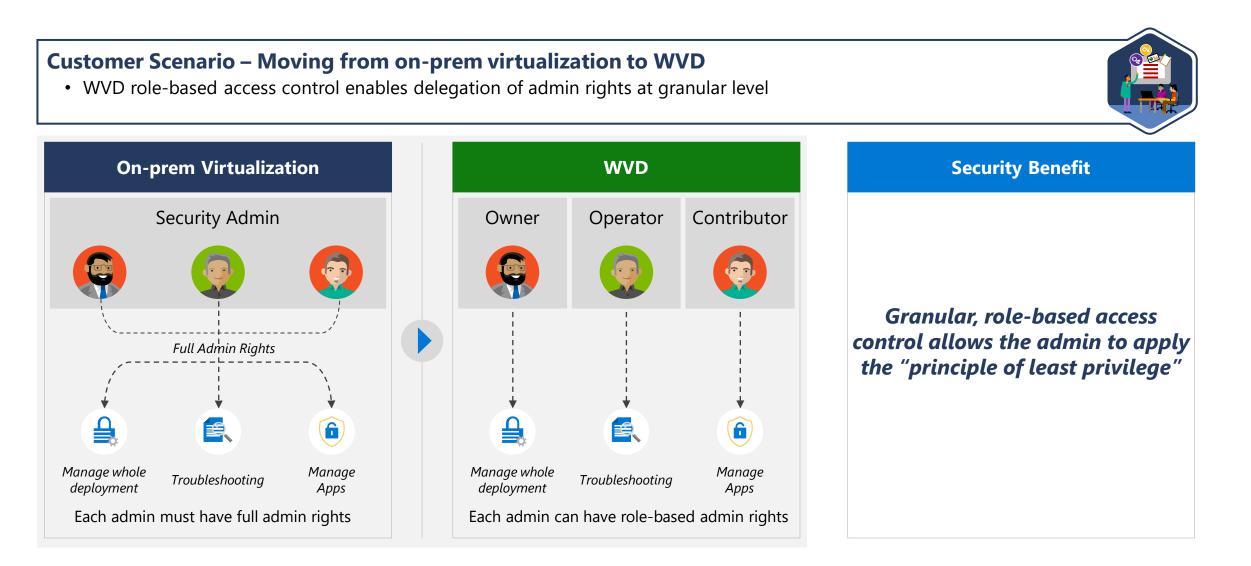
Increased video framerates, up to 30 fps

Enhanced UI for ease of use in virtualized environments

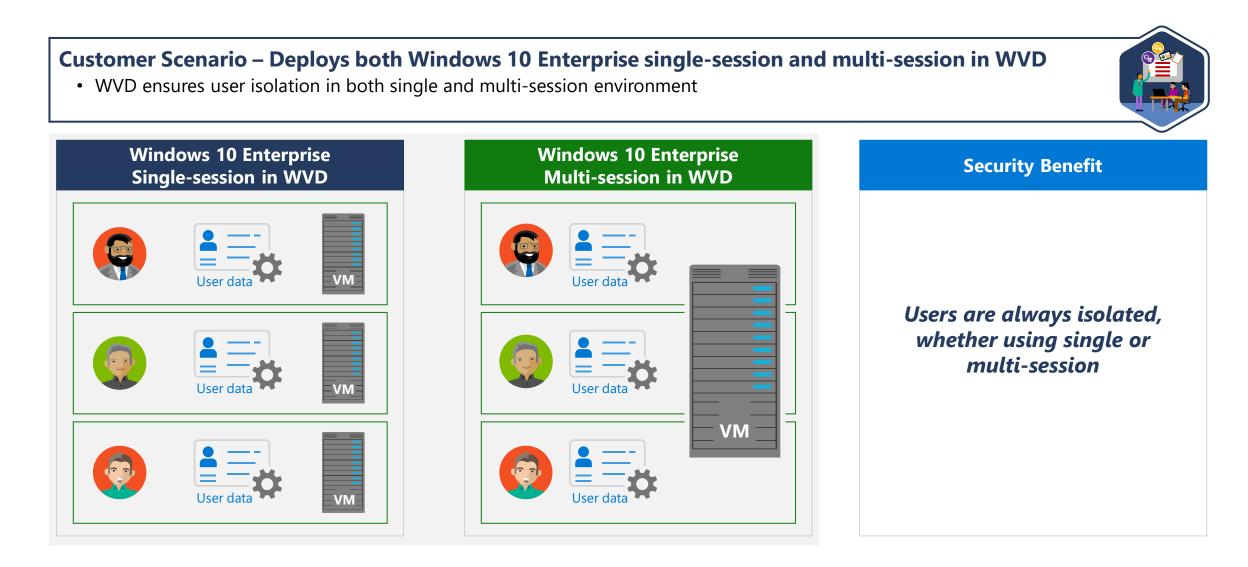
Ability to redirect multiple cameras

High-performance, low latency audio & video calling

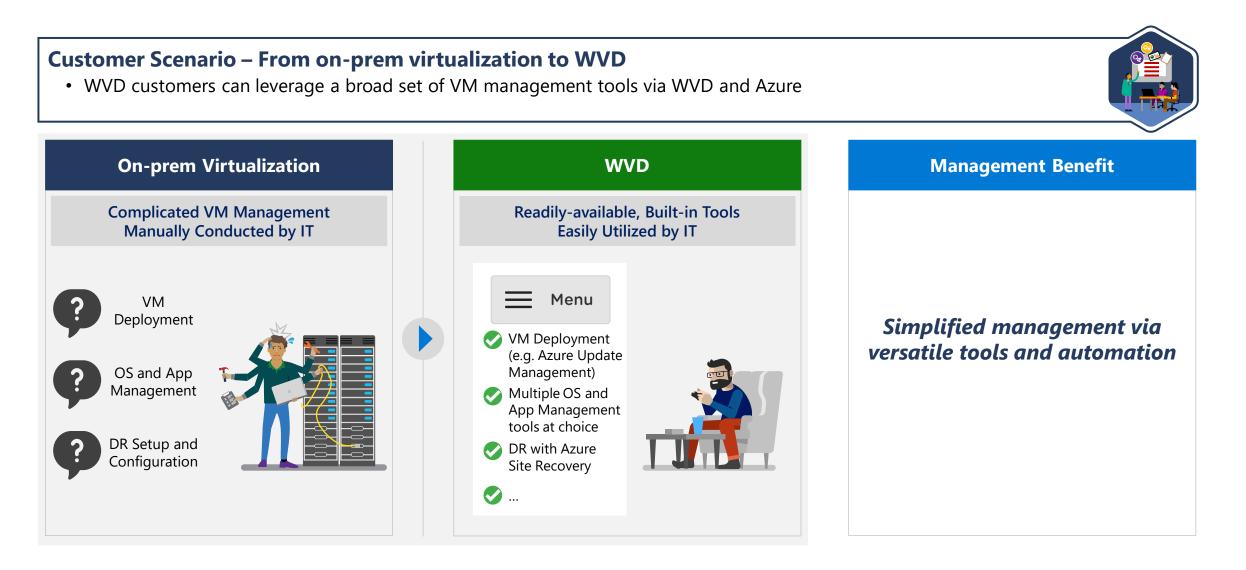
Enhanced Security with Simplified Configuration Granular access control enables role-based administration



Enhanced Security with Simplified Configuration User sessions are isolated



Efficient and Simplified Management Readily-available VM management tools



Cost-optimized infrastructure Cost Effective Compute and Storage^{*}

Ę

Customer Scenario – From on-prem virtualization to WVD

• Pay for actual usage instead of peak usage; optimize compute by using both Pay-as-you-go and Reserved Instance



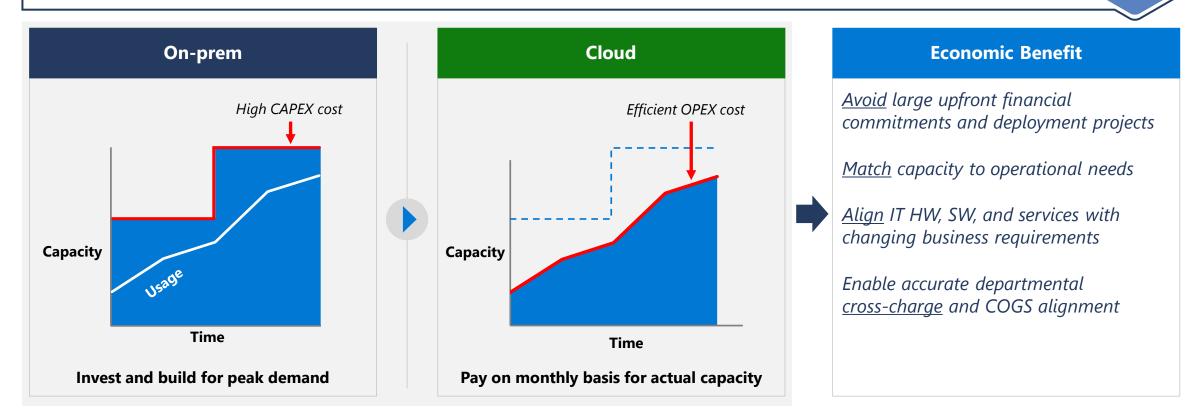
*When using Azure NetApp Files or Azure Files for storage, customers pay for actual consumed storage (vs. pay for fixed-sized disks) Note: Figures are illustrative and based on pre-configured assumptions; actual savings vary by user requirements and infrastructure configuration

Cost-optimized infrastructure Opex Spend Aligned to Business Usage

Customer Scenario – On-prem to Cloud

Ē

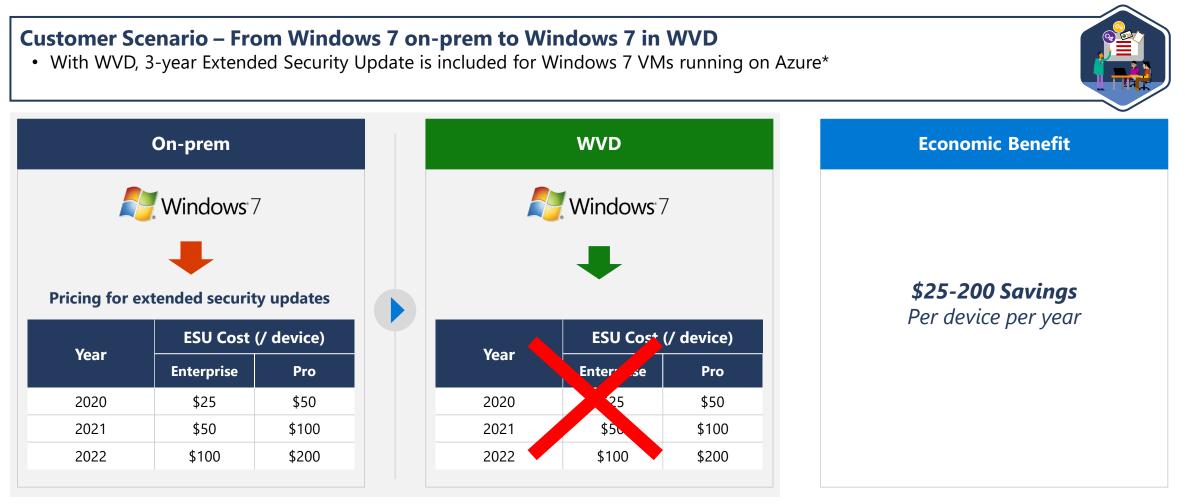
• From up-front Capex commitment to flexible Opex investment



Note: Figures are illustrative and based on pre-configured assumptions; actual savings vary by user requirements and infrastructure configuration

Cost-advantaged licensing 3-year Win7 ESU Included

I



*Benefit not applicable to Windows 7 running on local devices

Note: Figures are illustrative and based on pre-configured assumptions; actual savings vary by user requirements and current licensing position

Many customers are already eligible for WVD

WVD Licensing Requirements

CLIENT

Customers are eligible to access Windows 10 and Windows 7 with Windows Virtual Desktop (WVD) if they have one of the following licenses*:

- Microsoft 365 E3/A3
- Microsoft 365 E5/A5
- Microsoft 365 F1
- Microsoft 365 Business
- Windows 10 Enterprise E3/E5
- Windows 10 Education A3/A5
- Windows 10 VDA per user

*Customers can access Windows Virtual Desktop from their non-Windows Pro endpoints if they have a Microsoft 365 E3/E5, Microsoft 365 A3/A5 or Windows 10 VDA per user license.

SERVER

Customers are eligible to access Windows Server 2012 R2 and newer desktops and apps if they have an RDS CAL license with active Software Assurance (SA)

Demo





Customers

BACK

See if Windows Virtual Desktop is right for your organization

Take the self-assessment:

- □ You need the ability to add users quickly and easily
- □ You need to scale efficiently on demand
- □ Your end-users need a seamless rich client experience with Outlook, Search, Cortana, OneDrive, and Skype
- □ You need to manage different deployment types across different deployment planes
- □ You need to bring Remote Desktop Services (RDS) to your users
- □ You need to support both persistent and non-persistent environments
- □ You need integrated security and management e.g. Microsoft 365, AAD
- □ You need to run Windows 7 legacy applications post upcoming Win 7 EOL
- □ You are in a regulated industry and need to meet strict compliance requirements
- □ Your virtual desktop journey requires reuse of existing investments (e.g. Citrix)
- □ You want to reduce management and deployment costs for Windows Server

Corporate Office

8 A.J.C Bose Road, 2nd Floor Circular Court Kolkata 700 017 India

Development Center

Infinity Benchmark 6th Fl, Unit No.: Office 9, Plot – G1, Block- EP & GP, Sector – V, Salt Lake, Kolkata- 700 091 India

New Delhi 507 – 508, 5th Floor DLF Tower A Old Mathura Road Jasola 110 025 New Delhi India

Thank You

Connect@embee.co.in

f 🎔 in

Mumbai

701 Advent Atria, 7th Floor Chincholi Bunder Road Opp Kingstone Tower Malad (W) Mumbai 400 064 India

Bengaluru

Queens Corner Apartments, Block A, 5th Floor, Blakundari Circle, Opposite to ACT Office & Indian Express Building Bengaluru 560 001 India

Pune Pune IT Park Incubation Centre Unit Number: C/2/204/11 34, Aundh Road Bhau Patil Marg Pune 411 020 India