DELLTechnologies

DELL
HYBRID CLIENT

World's first client computing software with hybrid cloud management enabling seamless access to applications and data whether they are in the cloud, in the data center or locally in a ready to deploy commercial solution[1]

Learn more at
Dell.com/DellHybridClient

HYBRID CLIENT

A MODERN CLIENT SOLUTION

Dell Hybrid Client enables the most flexible client computing experience in a hybrid environment with private and public clouds and local resources to help boost user productivity[2]

DELL HYBRID CLIENT GIVES YOU CHOICE AND CONSISTENCY

Ensure simplicity, choice and flexibility for your organization and your workforce.
Designed for anytime, anywhere access, Dell Hybrid Client provides security, accessibility and consistency to every part of the workday.

Dell Hybrid Client combines cloud-based management with a personalized user experience and the business agility and security benefits IT managers expect. Whether working in the office or remotely, all cloud resources are within reach with Dell Hybrid Client.

EMPOWERED CLOUD WORKFORCE

Log in, work and search across resources with ease. Dell Hybrid Client brings together the user's apps and data for a productive workday no matter if they reside on public or private clouds.

Accessing files is easy, they automatically open in the application delivery mode defined by IT - cloud, VDI or local - to ensure availability, enhanced security and assist in cloud transition

By enabling the "follow me" feature, Dell Hybrid Client delivers a consistent, personalized user experience across fixed or mobiles devices controlled from the cloud.
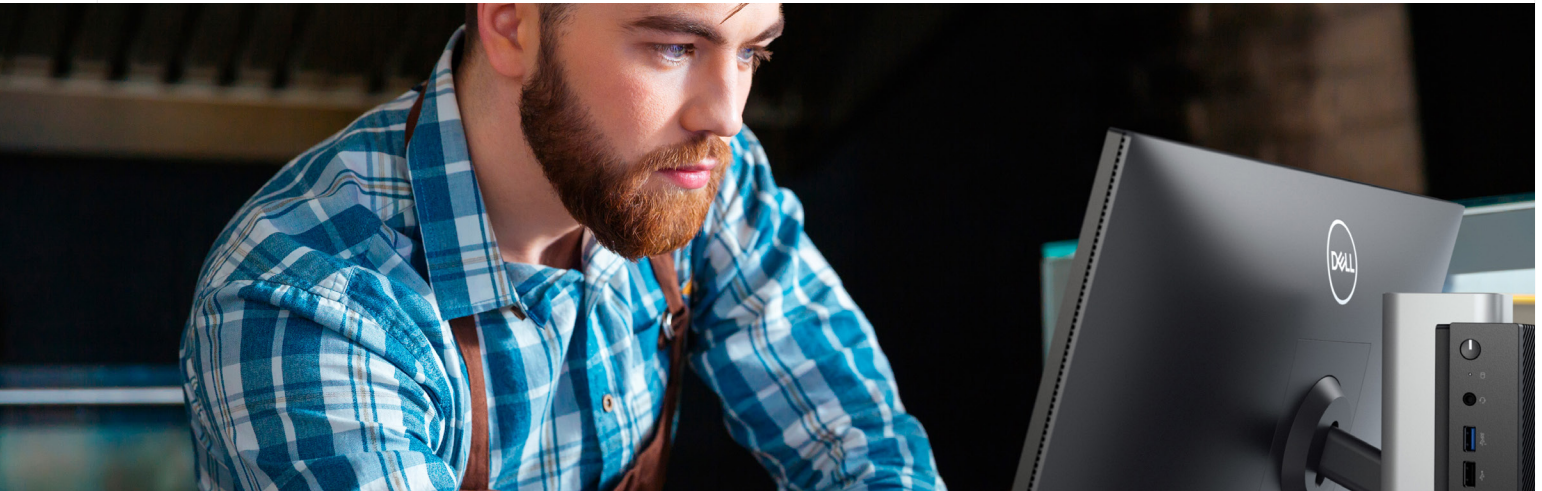
HYBRID CLIENT

A centrally managed software solution designed to deliver a fluid workflow when accessing applications and data delivered from private, public, and/or hybrid clouds

Instant access
With the convenient and secure single-sign-on[3], your workforce gets immediate access to necessary apps and data, whether they're hosted locally, in the public or private cloud.

Ready on day one
All features are available out of the box with intelligent, low-touch deployment from the cloud through Wyse Management Suite Pro.

Multiple cloud providers
Works with leading cloud providers and cloud storage services to easily integrate into your existing cloud environment and quickly adapt as your strategy evolves.

Simplified workflow
Access seamlessly an array of IT-approved web apps, VDI apps and storage locations. And with the global file search, everything is easily found, and the workflow never interrupted.

A consistent experience
By enabling the follow-me feature, end users get a consistent, personalized experience no matter which fixed or mobile device they log in from.

Multiple apps delivery methods
Supports IT-approved cloud, virtual and local Linux apps and multiple operating modes: cloud, VDI or local or a combination of all to keep your users productive and ease the path to change.

Multiple form factors
More flexibility to work from anywhere and the choice to work with a broad selection of devices, from laptops and desktops to all-in-ones and workstations.
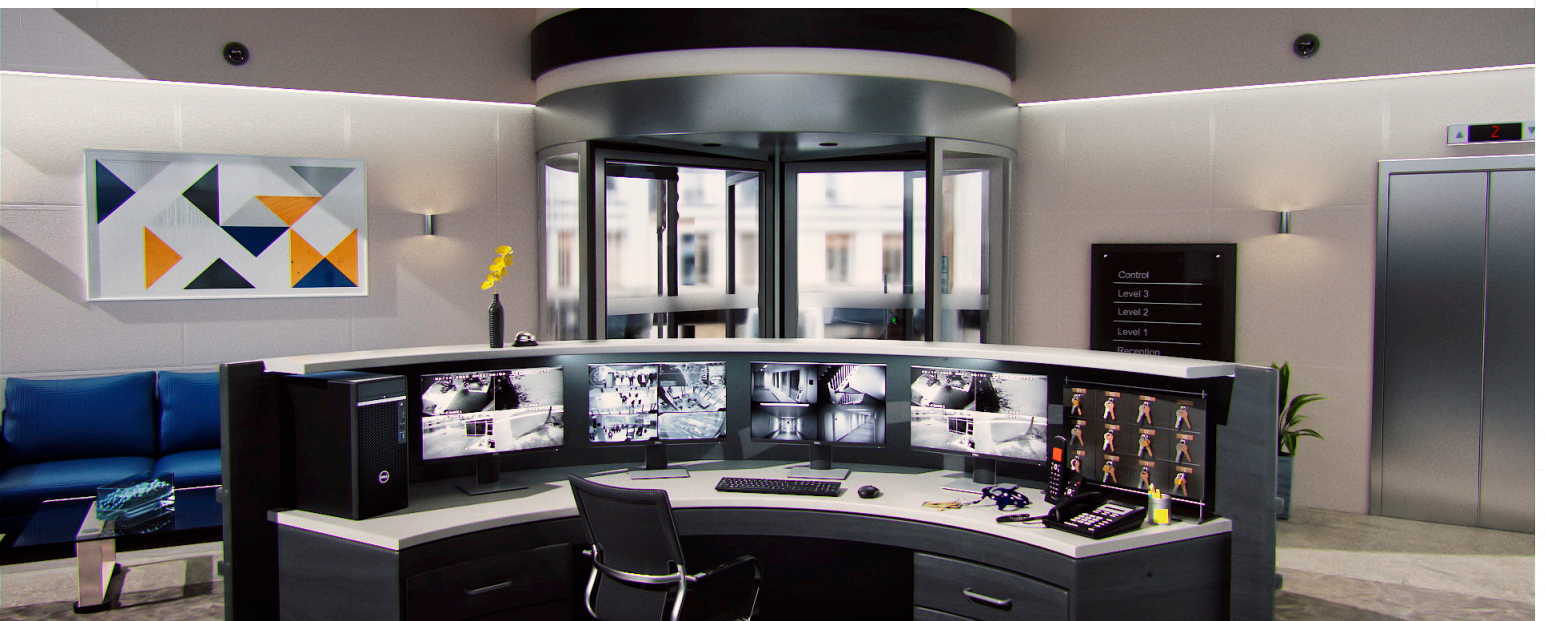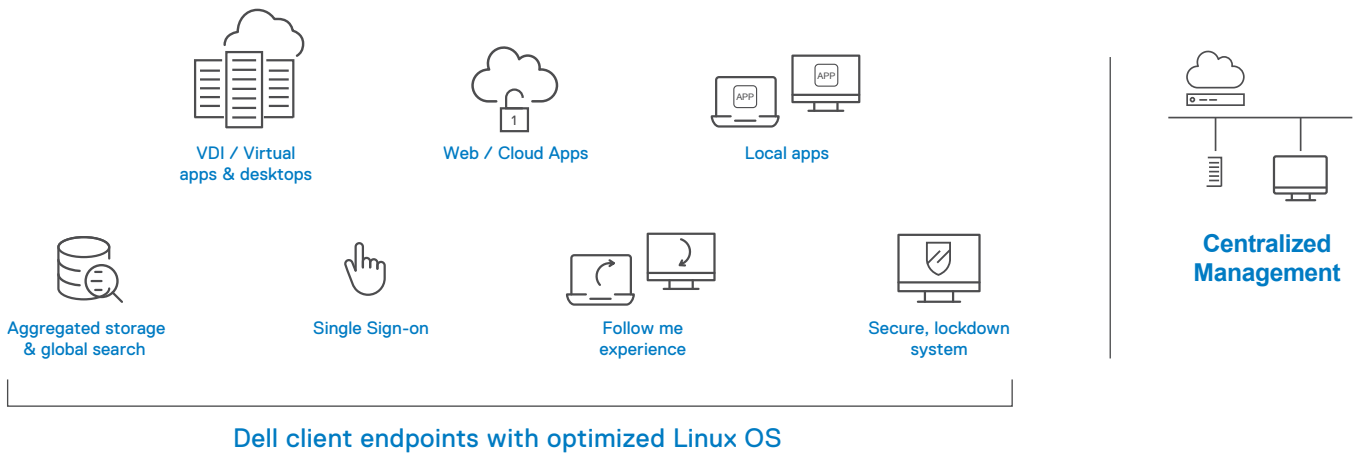
HYBRID CLIENT

SAFE AT EVERY TOUCHPOINT

Protect user and company data through a secure, locked-down experience where user data is encrypted and user's access is controlled through specific permissions and security profiles from Wyse Management Suite Pro.

Ensure device compliance with local system security and application sandboxing preventing unwanted interactions and system corruption.

Ensure that apps and content can only be accessed in authorized ways through single sign on, multi-factor authentication[4] and file affiliation.

INSTANT ACCESS. SIMPLIFIED WORKFLOWS. A CONSISTENT EXPERIENCE

DELL HYBRID CLIENT

VDI / Virtual apps & desktops

Web / Cloud Apps

Local apps

Centralized Management

Aggregated storage & global search

Single Sign-on

Follow me experience

Secure, lockdown system

Dell client endpoints with optimized Linux OS

HYBRID CLIENT

ENDPOINT SELECTION FROM DELL'S AWARD-WINNING PORTFOLIO

OPTIPLEX 3000 THIN CLIENT

The OptiPlex 3000 Thin Client delivers a quiet, durable computing experience and makes it easier for you to multi-task.

▶ Click here to view 360° product demo.

LATITUDE 3330

Productivity meets modern design in the new Latitude 3330, a sleek and professional 13" ultra-portable that is accessible for any business and any budget

▶ Click here to view 360° product demo.

OPTIPLEX 5400 ALL-IN-ONE

A 24" all-in one desktop with smart collaboration features, up to the latest Intel® Core™ i7 and ergonomic stand options

▶ Click here to view 360° product demo.

PRECISION 3260 COMPACT WORKSTATION

Workstation-class performance packed into in an ultra small form factor.

▶ Click here to view 360° product demo.

HYBRID CLIENT

Choose from a broad selection of devices, from laptops and desktops to all-in-ones and workstations available to configure with Dell Hybrid Client, Customer Install option[15]

LATITUDE LAPTOPS

Work wherever and however you need with small, light and stylish laptops designed for mobility and productivity. Stay connected with industry's fastest wireless options, intelligent collaboration and privacy features, and a broad array of port and accessories to set up office anywhere.

OPTIPLEX DESKTOP COMPUTERS AND ALL-IN-ONE PCs

The next generation of OptiPlex features smarter and faster desktops with proven reliability from the brand with 29 years of customer-led innovation. OptiPlex desktop and all-in-one computers now featuring versatile, space-saving form factors and up to 12th Generation Intel® processors to unleash your full potential.

PRECISION FIXED AND MOBILE WORKSTATIONS

Dell Precision delivers versatile designs, intelligent performance and mission critical reliability to conquer the industry's most demanding applications. From award-winning filmmakers and animators to state-of-the-art architects and engineers our expansive professional portfolio enables you to customize the workstation and optimize them for your creative expertise.

HYBRID CLIENT

SUSTAINABLE DEVICES

Our most sustainable PC portfolio[16]

We look for every opportunity to embed sustainable practices across our portfolio. From the materials in our products and packaging to the strength and integrity of our supply chain, Dell Technologies designs our devices with the entire lifecycle in mind.

Learn more at **DellTechnologies.com/sustainable-devices**

HYBRID CLIENT

A COMPLETE SOLUTION

WYSE MANAGEMENT SUITE

One tool does it all. Wyse Management Suite is a flexible cloud management solution that allows to centrally configure, monitor, manage and optimize endpoints powered by Dell Hybrid Client, anytime, anywhere. Wyse Management Suite is ideal for businesses small, large and in-between scaling from one to hundreds of thousands of devices. Our solution meets all levels of deployment.
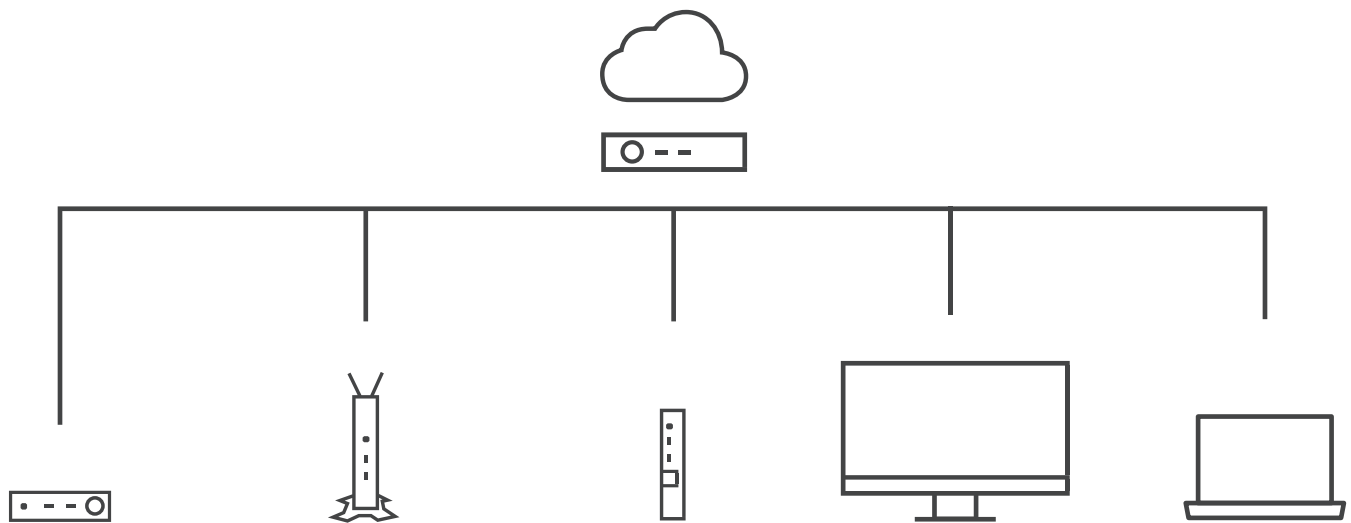
Intelligent unified management. Manage all your modern clients powered by Dell Hybrid Client from the cloud and/the datacenter with this hybrid cloud management solution with floating license allocation for greater control and agility. The cloud-first, multitenant model supports your growing business requirements. Automated processes and intelligent insights with powerful dynamic device-grouping and rules-based automation deliver a flexible and proactive management approach.

User friendly, right from the start. From zero to productivity instantly with Wyse Management Suite Pro on public cloud[6]. Manage from anywhere and view critical alerts, notifications on the dashboard and send real time commands with one tap with the mobile app for real-time endpoint modern management of Dell endpoints and software. In addition, the management console is localized in 7 different languages making it convenient for our international teams to deploy it in their regional languages.

DELL PROSUPPORT FOR SOFTWARE

Let us make hardware and software support easy, Dell Hybrid Client comes with Dell ProSupport[7] for Software. ProSupport offers 24x7 access to in-region advanced technology experts who contact IT when critical issues arise, so you can focus on the strategic work that moves your business ahead.

DELL
HYBRID CLIENT 1.8[8]

FEATURE	TECHNICAL SPECIFICATION
SUPPORTED CLIENT OS	Based on Canonical Ubuntu 20.04 LTS 64-bit
SUBSCRIPTION OPTIONS	1-year subscription to Dell Hybrid Client with Wyse Management Suite Pro and ProSupport for Software 3-year subscription to Dell Hybrid Client with Wyse Management Suite Pro and ProSupport for Software 5-year subscription to Dell Hybrid Client with Wyse Management Suite Pro and ProSupport for Software
CLIENT DEVICE OPTIONS (FACTORY INSTALLED) [8,9,10,11,12]	OptiPlex 3000 Thin Client OptiPlex 5400 All-in-One Latitude 3330 Precision 3260 Compact workstation
CLIENT DEVICE OPTIONS CUSTOMER INSTALLED [8,9,10,11,12,15]	Latitude 3330 Latitude 5330 Latitude 5430 Latitude 5431 Latitude 5530 Latitude 5531 Latitude 7330 Latitude 7430 Latitude 7530 Latitude 9430 OptiPlex 5400 All-in-One OptiPlex 7400 All-in-One OptiPlex 3000 Micro OptiPlex 3000 Tower OptiPlex 3000 Small Form Factor OptiPlex 5000 Micro OptiPlex 5000 Tower OptiPlex 5000 Small Form Factor OptiPlex 7000 Micro OptiPlex 7000 Tower OptiPlex 7000 Small Form Factor Precision 3260 Compact Precision 3460 Small Form Factor Workstation Precision 3470 Workstation Precision 3561 Workstation Precision 3570 Workstation Precision 3571 Workstation Precision 3660 Tower Workstation Precision 5470 Workstation Precision 5560 Workstation Precision 5570 Workstation Precision 5770 Workstation Precision 7670 Workstation Precision 7770 Workstation
CONVERSION SOFTWARE	Easily convert a supported Windows, Ubuntu Linux or ThinOS client device to run Dell Hybrid Client. Please refer to the conversion guide available on https://www.dell.com/support/home/en-us/product-support/product/dell-hybrid-client/docs
UNIFIED MANAGEMENT	On-premises and cloud management deployment– or a combination of both with floating license allocation between on-premise and cloud with Wyse Management Suite Pro version 3.8. Centralized deployment, configuration and management of user parameters, devices, operating system, apps and storage.
SUPPORTED CLOUD PROVIDERS	Google Cloud Platform™ service Microsoft Azure with Azure Active Directory sync with On Prem Active Directory (HAAD)
SUPPORTED CLOUD STORAGE PROVIDERS	Box, Google Drive and Microsoft OneDrive
SUPPORTED VDI BROKERS	Citrix Virtual Apps and Desktops™ (formerly XenDesktop/XenApp) Microsoft® Azure Virtual Desktop (formerly WVD) Microsoft® Windows Terminal Server VMware Horizon®
LOCAL BROWSER	Firefox v102 Google Chrome v103
LOCAL APPS	LibreOffice office suite: Writer (word processing), Calc (spreadsheets), Impress (presentations), Draw (vector graphics and flowcharts), Base (databases), and Math (formula editing). VLC media player Image viewer
CONNECTIONS	OpenConnect VPN supporting GlobalProtect and Cisco Anyconnect VNC Viewer for remote shadowing (download from www.dell.com/support) SSH Server (download from www.dell.com/support)

FEATURE	TECHNICAL SPECIFICATION
MULTI MONITOR SUPPORT[14]	- Up to 3 displays with the OptiPlex 3000 Thin Client - Up to 4 displays with the OptiPlex Micro
SUPPORTED LOCAL COLLABORATION TOOLS	Zoom client for Linux (included in the base image) Tested support for - Microsoft Teams client for Linux (available from Microsoft.com) - Cisco Jabber optimization (download the VDI client for Ubuntu thin client x64 from Cisco.com) - Cisco Webex Meetings optimization (download Webex App VDI plugin for Ubuntu 64-bit from Cisco.com)
FILE EXPLORER	Dell Hybrid Client delivers a seamless user experience for accessing local, USB, network and cloud files and folders through the File Explorer
GUEST USER	Guest user login allows a user to login to the device with a temporary guest user profile. In this profile, users will be able to access limited Dell Hybrid Client functionalities. All changes made in this session would be lost on user logout. Guest User account is supported with group level policy configuration from Wyse Management Suite.
LOCAL USER	Local user supported. Local user must be configured from WMS, WMS administrator can assign admin rights to specific local user from WMS. (Max 8 Local Users)
FILE AFFILIATION	Manage, prioritize (cloud, VDI or local) and restrict access to productivity applications using Wyse Management Suite. Automatic sync of files across different workspaces (local, VDI or cloud)
USER POLICY GROUPS	Allows IT administrators to apply configuration policies to a group of users based on user's Active Directory (AD) group or organizational unit (OU).
ENHANCED FOLLOW-ME	With the enhanced Follow-me experience, user-specific settings and configurations for local browser, browser cache, desktop state (VDI, cloud, and local apps),specific device settings, and favorite bar personalization are preserved in a central repository, and the same settings are enabled in any other entitled device when logged in with the same user credentials
SECURITY	- Ability to set system network proxy settings - Enhanced Security Profile – Ability to configure Firejail for 3rd party applications, Firewall configurations and Kernel/OS hardening based on security level configuration from Wyse Management Suite - Randomized GRUB password and enforcement of password change from WMS - Secure Boot - Single Sign-On (SSO) into Enterprise AD (Kerberos-based authentication) - Single Sign-On (SSO) into GCP and Azure. - Smart card (Gemalto, YubiKey PIV) / CAC card support for local login and AD login - Smart card (Gemalto, YubiKey PIV) / CAC card support from login to Citrix VDI session - Smart card (Gemalto, YubiKey PIV) /CAC card support for browser-based Azure login to cloud applications. - Smart card (Gemalto, YubiKey PIV) /CAC card support for VMware VDI session - ActivClient (Middleware) . G&D SmartC@fe Expert 3.2 . G&D SmartC@fe Expert 7.0 . G&D SmartC@fe Expert 7.0 (Alt Token) . Gemalto TOPDLGX4 . Gemalto DLGX4 (BETA 2) . IDEMIA Cosmo V8 . Oberthur Cosmo V8 (Alt Token) - 90meter (Middleware) . G&D SmartC@fe Expert 3.2 - Imprivata Support (7.8.1) - Trusted Platform Module 2.0 - User authentication with Active Directory, both local AD and Azure AD with On Prem users sync using AAD connect - User authentication with Google Workspace application with Local AD sync using GCDS connect - User File Encryption (zFS)
DEVICE SETTINGS	Enhance Device Settings UI to configure different system settings such as peripherals, network, VPN, regional & language configurations and power settings. Restricted access to Advanced settings with password check enables trouble shooting functions and authenticated admin configurations.

HYBRID CLIENT 1.8[8]

FEATURE	TECHNICAL SPECIFICATION
POWER OPTIMIZATION	Power optimization configuration from Wyse Management Suite via power profile settings (balanced, energy efficient, max performance) available on select models only
USER SECURITY	High level of user security in which the data of a user is encrypted and cannot be viewed by other users. User's access to Dell Hybrid Client is controlled through specific permissions and security profiles that are managed using Wyse Management Suite. Using open box mode which permits full use of the Linux OS on the device under WMS.
OPTIMIZATION ADD-ON	Boot optimization, Web optimization (WASM/WEBGL/PWA), power optimization & platform optimization for OptiPlex 3090 & 7090 Ultra and Latitude 3320 (download from www.dell.com/support, requires update to Kernel 5.11).
USB LOCKDOWN SETTINGS	Granular control of USB ports and type of USB devices. Administrators can centrally enable/disable USB ports and define exceptions such as HID devices using Wyse Management Suite.
SECURE BROWSING	Provides a secure end point for your browser-based work environment: allowlist and blocklist, site isolation/multi containers are enabled by default, as an additional security layer to prevent attacks to succeed
ACCOUNT PRIVILEGES	Provides WMS Admin the ability to restrict access control over the DHC desktop and UI components. Privilege levels are: Default, None, Customize, High
SINGLE APPLICATION MODE	Provides IT Admin with more granularity in configuration options to define what application and connections are automatically launched
ON DESKTOP	Allows IT to control visibility of VDI session and application icons for better user experience and more flexibility.
BUILT IN VDI BROKER CLIENTS	**VMware Horizon client version 2206** - Blast Extreme, PCoIP and RDP protocol support - Microsoft Teams - Zoom optimization pack - File type association - Virtual printing on physical RDS host machine - Multi session mode - Logging copy and paste **Citrix Workspace app 2207** - File type association - Single Sign On support (only from device login to remote session with Citrix StoreFront) - Smartcard Login - Browser Content Redirection - USB Redirection - HDX MediaStream - HDX RealTime Webcam Video Compression - Skype for Business / Citrix HDX RTME 2.9 - Microsoft Teams optimization - Zoom optimization - Cisco Jabber Optimization - Cisco Webex Meetings optimization - Multistream ICA - HTML5 video redirection **Wyse RDP 8.1.08** - File type association - Single Sign on support (only from device login to remote session) - GPU accelerated rendering - Dual 4K display support[14] - Multi-stream (simultaneous UDP and TCP connections) - H.264 default video compression - H.264 rendering **Teradici** - PCoIP client vrsion 22.07.0-20.04 **Azure Virtual Desktop client 1.8.0**
SUPPORTED LANGUAGES	Local user interface: English, French, German, Italian, Spanish, Japanese, Korean, Chinese (Traditional and Simplified), Russian (Russian Federation), Portuguese-Brazil, Hebrew
FREE TRIAL SOFTWARE	Get a 45-day trial software at www.wysemanagementsuite.com

RECOMMENDED ACCESSORIES

AT THE DESK

Dell 24 Monitor – P2422H

Stay productive no matter where you work with this sleek 23.5" FHD monitor with ComfortView Plus.

Dell Pro Wireless Keyboard and Mouse – KM5221W

Get productive with a quiet, full-size keyboard and mouse combo with programmable shortcuts and 36 months battery life.

Dell Pro Stereo Headset – WH3022

Exceptional audio clarity with this Teams certified wired headset with a customized fit.

ON THE GO

Dell Dock - WD19S

Boost your PC's power with this powerful and modular USB-C dock with a future-ready design.

Dell USB-C Mobile Adapter - DA310

Compact and portable 7-in-1 USB-C mobile adapter provides superb video, data connectivity and up to 90W power pass-through to your PC.

Dell Notebook Power Bank Plus - PW7018LC

With fast high-power delivery of up to 65Wh, this power bank can charge the widest range of USB-C laptops, and mobile devices.

Dell Pro Slim Briefcase 15 – PO1520CS

Keep your laptop, tablet and other essentials securely protected within the eco-friendly Dell Pro Slim Briefcase 15, a slim-fit briefcase designed for work and beyond.

HYBRID CLIENT

MODERN CLIENTS POWERED WITH DELL HYBRID CLIENT DESIGNED FOR THE WAY PEOPLE WORK

Performance-oriented remote worker accessing a rich mix of local, cloud-based and virtualized apps

- Purpose built to support the next generation of cloud applications with local offloading of collaboration tools
- Built-in VDI protocols to connect to a remote workstation and perform graphic-intensive work
- Workstation-class performance packed into in an ultra small form factor with the Precision 3260 Compact Workstation

Knowledge worker accessing cloud-based resources

- Out of the box support for cloud-based productivity applications
- Single-sign-on across VDI and cloud resources
- Select the Latitude-based solution for remote work or a flexible space saving solution with OptiPlex 5400 All-in-One to streamline office and home office space
- Centralized management of the user's devices and application orchestration from the cloud

Task worker accessing VDI applications and transitioning to cloud resources

- The OptiPlex 3000 Thin Client is a highly managed, cost-effective client device
- Full-featured local browser with security parameters centrally managed (restrict/allow URLs, restrict plugins, etc...)
- Out of the box access to cloud-based productivity apps and support for local Linux apps reducing the strain on VDI back-end resources
- Built-in support for VDI brokers from leading vendors (Citrix, VMware and Microsoft)
- Easy to adopt, leveraging local Active Directory or sync on-premises Azure AD
- Multi-factor authentication[4]

HYBRID CLIENT

ENSURE SIMPLICITY, CHOICE AND CONSISTENCY FOR YOUR ORGANIZATION AND WORKFORCE WITH DELL HYBRID CLIENT.

Dell exclusive cloud-managed client software solution designed for anytime, anywhere access
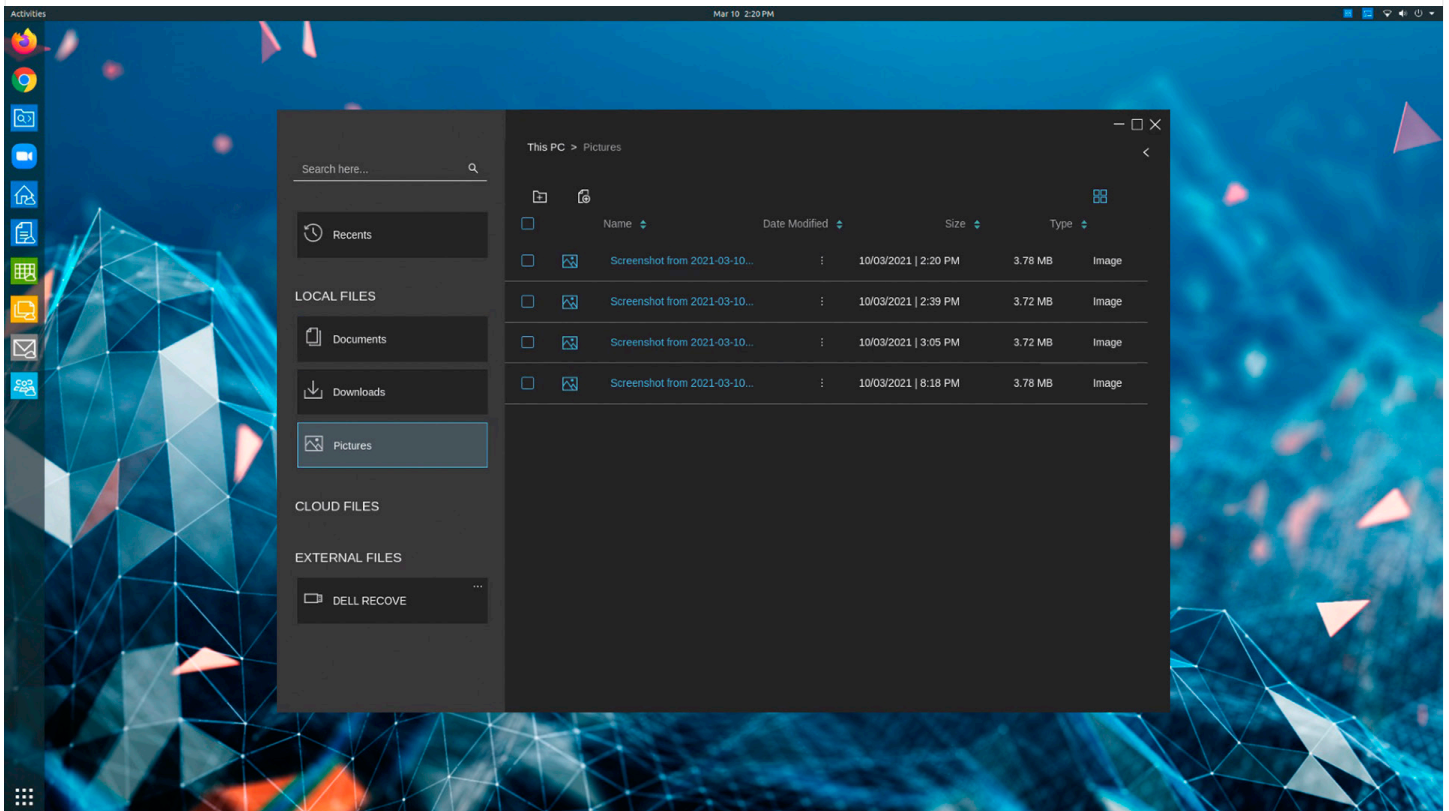
File Explorer in Dell Hybrid Client delivers a seamless user experience for accessing local, USB, shared network and cloud files and folders

1 Based on Dell analysis of Dell Hybrid Client software preinstalled on select Dell commercial clients with Wyse Management Suite Pro Dell Hybrid Client license v. comparative solutions, July 2020. For more details, visit www.DellTechnologies.com/DellHybridClient. Legal AD #G20000253

2 Based on Dell analysis of Dell Hybrid Client software (version 1.5 or above) preinstalled on select Dell commercial clients with Wyse Management Suite Pro v. comparative solutions, Jan 2021. For more details, visit www.DellTechnologies.com/DellHybridClient

3 Single sign-on to VMware Horizon not supported in Dell Hybrid Client 1.5. Single sign-on supported with Kerberos only.

4 Multi Factor Authentication - Smartcard only, for initial system login and Citrix and Azure cloud apps

5 Based on Dell analysis of competitive products, September 2020. OptiPlex Ultra supports Dell and 3rd party VESA compatible displays up to 40", sold separately.

6 License activation required.

7 Dell Services: Availability and terms of Dell Services vary by region. For more information, visit www.dell.com/servicedescriptions.

8 Offering may vary by region. Some items may be available after product introduction. For complete details, refer to the Technical Guidebook published on www.dell.com.

9 Not all features and services are available in all countries or sales segments/customers. Contact your Dell Technologies Services Representative for availability.

10 A 64-bit operating system is required to support 4GB or more of system memory.

11 GB means 1 billion bytes and TB equals 1 trillion bytes; significant system memory may be used to support graphics, depending on system memory size and other factors.

12 GB means 1 billion bytes and TB equals 1 trillion bytes; actual capacity varies with preloaded material and operating environment and will be less.

13 Refer to the administrator guide for the detail steps to install Dell Hybrid Client on the supported OptiPlex / Latitude device. The Dell Hybrid Client software is preloaded with Dell Client Agent-Enabler (DCAE) installed

14 The maximum number of displays and maximum resolution in a session will vary depending on partner broker, protocol, and virtual machine types and configurations

15 Dell Hybrid Client and Wyse Management Suite licenses are sold separately. Requires the device to be configured with 8 GB Memory – 128 GB or higher capacity SSD/HDD and Ubuntu Linux 20.04 and Dell Client Agent Enabler (DCA-Enabler). Refer to the Dell Hybrid Client Administrator's Guide on dell.com/support for more details on the supported platforms and configurations

16 Based on the design, manufacture, packaging, product lifecycle maintenance and number of ecolabel registrations, including EPEAT Gold registrations for the Dell Precision, Latitude and OptiPlex portfolio as of April 2021.

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