

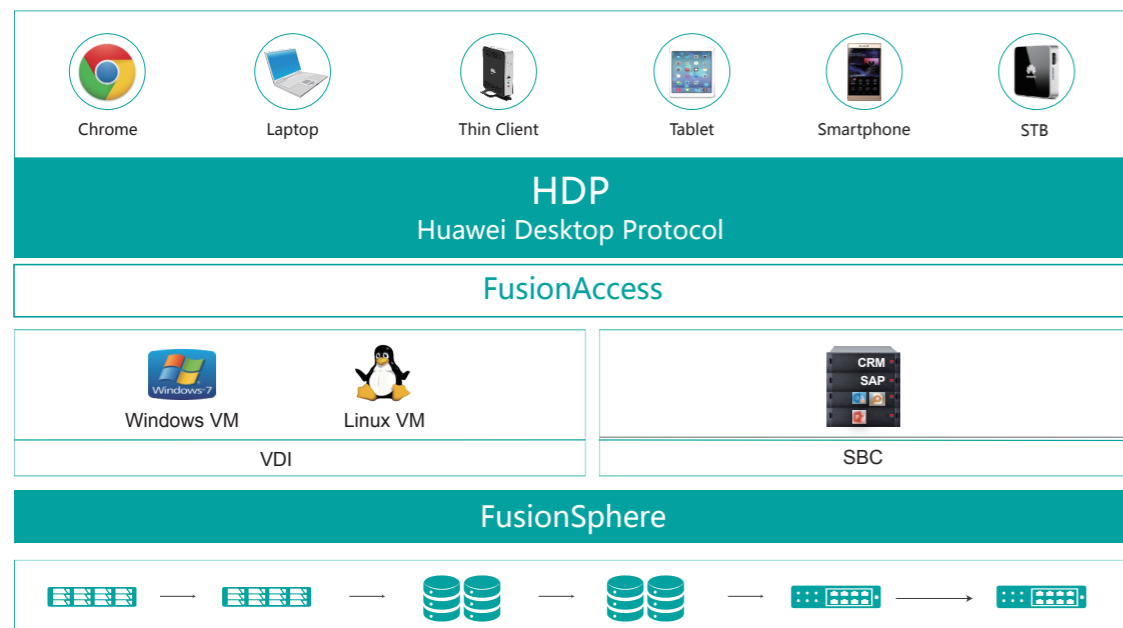
Cloud WorkSpace, Smart FusionAccess

Huawei's FusionAccess Desktop Cloud

About FusionAccess

In the digital era, users are eager for more agile, efficient, and intelligent office utilities. Enterprises also need to deploy more secure and easy-to-maintain office systems. Huawei FusionAccess desktop cloud solution enables users to access applications across platforms using thin clients or any devices connected to the network, starting a new era of cloud-based office that features SmartLink, SmartView, and SmartProtection.

The FusionAccess desktop cloud solution now serves 1.1 million end users of 1500 enterprises in over 100 countries worldwide, covering the education, finance, government, telecom, energy, media, and healthcare industries. FusionAccess has been in the top position in the desktop virtualization market in China for many years.



Intelligence Brings the Optimal Office Experience

SmartLink: Breaking boundaries of offices, enabling access anytime and anywhere

- « AnyDevice: Allows intelligent access of terminals with Windows, Linux, Android, MAC OS, iOS, or Chrome OS. Users of Huawei's terminals can get the optimal user experience.
- « AnyWhere: Supports intelligent system login at any place. Intelligent dynamic access and intelligent access to the nearest site help save bandwidth and break boundaries of offices.
- « Any time: intelligently detects network QoS and changes as well as network bandwidth resources and dynamically adjusts video display levels and frame rates to reduce network interference.

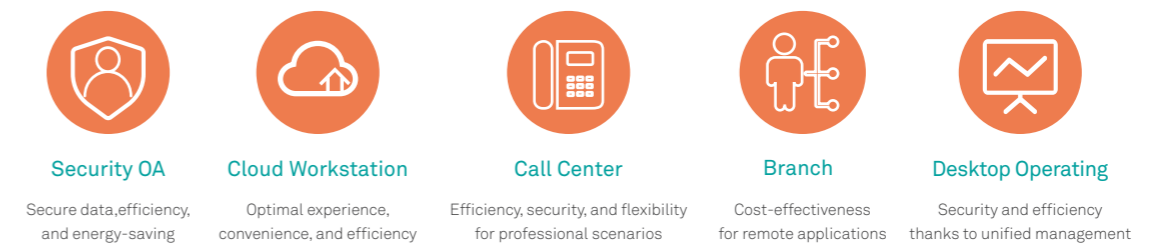
SmartView: Huawei's proprietary HDP algorithm

- « Intelligent display: Intelligent identification of texts and images, adaptive compression, peak signal-to-noise ratio (PSNR, the larger the better. The common PSNR of cloud desktops is between 30 to 40 dB) of about 50 dB, and the structural similarity index measurement (SSIM, the closer to 1 the better) of 0.999955, ensuring the best display effect
- « Intelligent audios and videos: Leading video acceleration, 4K video editing, audio and video bypass technologies, ensuring smooth video playing
- « Intelligent graph: GPU hybrid resource pool coverage, GPU passthrough, GPU hardware virtualization, soft GPU, and traditional workstation, fully meeting GPU requirements; vGPU pooling implements time division multiplexing of resources, and automatic binding and release of GPU resources, maximizing the value of resources through sharing
- « Intelligent application: Identifies and configures applications by using image complexity identification and window sensing algorithms, thereby improving the use effect.

SmartProtection: End-to-end protection of data security

- « Security protection: Provides comprehensive security management and control for device-pipe-cloud, and supports many unique functions, such as all Linux-based management nodes, separation of three administration rights, and secure and permanent deletion of VMs.
- « Reliability protection: All Linux-based high availability system, component redundancy protection, intelligent detection, isolation, and fault recovery, comprehensive backup and disaster recovery solutions, ensuring service continuity and data security

Various service application scenarios



Customers' voice on FusionAccess

FusionAccess allows us to run our software on simple terminal devices or thin clients more conveniently, or directly perform operations on software clients. We can deploy a convenient and flexible working environment in the news room for journalists with a more economical solution.

—Senior Broadcast Architect, TF1 Group

FusionAccess allows us to make videos at any place without being limited to the studio. We can turn any place into a studio.

—CTO of the National TV Station of the Netherlands

FusionAccess has many obvious advantages like convenient management and deployment. Huawei's products have passed our strict tests and investigations, and can fully meet our requirements.

— Project Manager of the Technology Office of China Central TV Station

It is definite that Huawei's SchoolNet project represents the latest development achievements in the ICT field. Huawei's desktop cloud makes our work easier.

—Director of the Information Technology Center of Addis Ababa, Ethiopia