

# Ceedo's Remote Access Protection

## Features and Benefits

**Protect sensitive data:** Protect data such as biometric references, passwords, etc. in an encrypted and password-protected virtual disk.

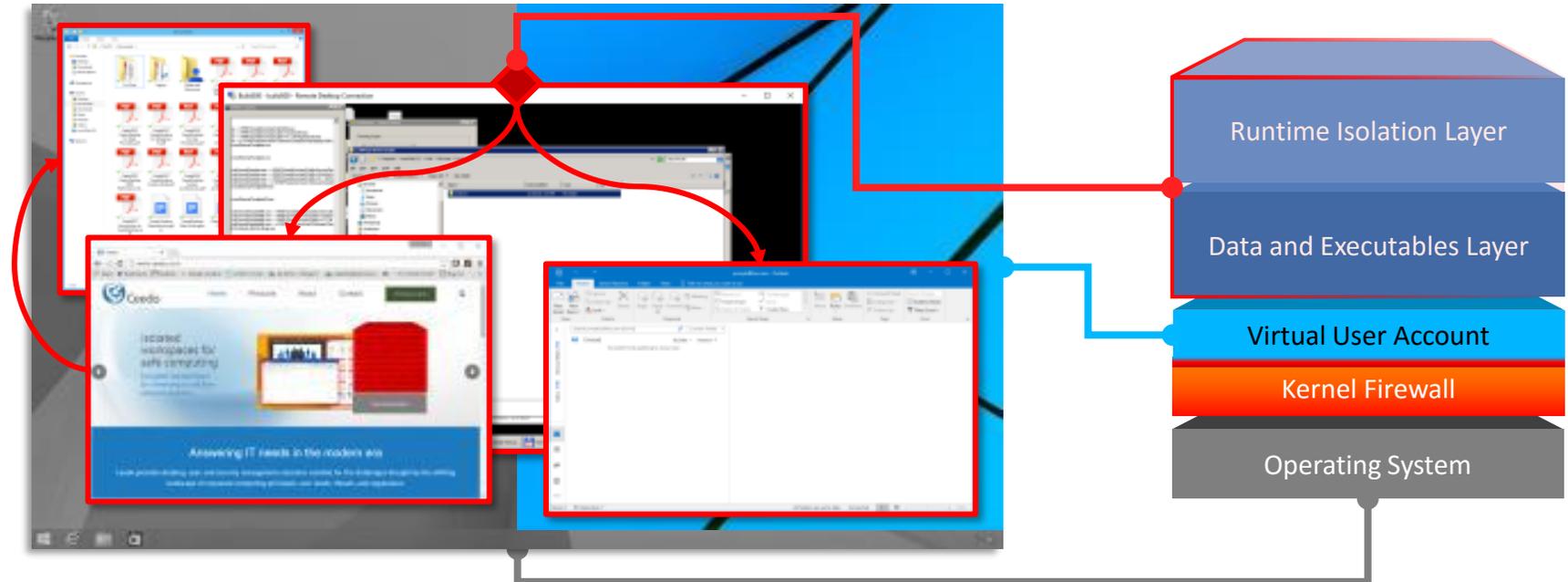
**Easy and safe:** Run virtual applications embedded in a sealed environment from a hidden virtual device disk with zero footprint.

**Tamper-protected:** Deny unauthorized software installation and changes to system configuration and data.

**End-point compliance test:** Ensure the underlying system is protected from malware by checking and/or installing required components.

**Remote management:** Allow for remote data wipe, restrict access, and deploy remote updates and software installers to unmanaged machines.

Allow users to connect from unsecure locations to organizational resources



Ceedo's isolation technology allows companies to deploy an integrated workspace solution while complying with strict international, governmental and organizational regulations.

Ceedo allows storing all user data and related applications within a tamper-free virtual disk file that is attached to the system on the fly after an initial identification process and/or file system decryption are passed.

Once launched, Ceedo can run a comprehensive machine compliance test to ensure the host machine withstands minimum requirements, install any missing software such as

VPN, IPS, and other security clients, as well as terminate any unauthorized processes during launch and runtime, based on signatures and the processes' MD5.

Once launched, Ceedo provides the user with an execution window that can launch the applications installed in its isolation layer, or those installed on the host machine in a completely sandboxed secure environment, protected by our kernel firewall, comprehensive NTFS security permissions, and process enforcement, including closing specific windows of applications, rather than a complete application.

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## System and Management

### Backend management

Ceedo's end-point solution is accompanied by a management system that enables the company to wipe the system remotely with a click of a button. The management system also allows runtime components and updates to be pushed, protected by a mix of encryption systems to ensure integrity of any updates, and detect unauthorized changes to the environment's constituents.

### Multi-tiered virtualization

To ensure compliance with government and organizational regulations, Ceedo utilizes a mix of cutting-edge virtualization solutions that function together as one integral system. This includes a Virtual Hard Disk (VHD) virtualization driver that uses an internal hidden disk mounting protocol, a virtualization sandbox that virtualizes and confines processes, and a kernel firewall that protects all file system and registry objects that virtual processes try to access and manipulate.

## Common use cases

### Digital signature biometric data

Using Ceedo for biometric verification ensures that a virtualized sandboxed browser and/or signing utility/ActiveX are opened in an isolated environment, and all runtime data is stored in a temporary RAM disk which is not accessible from the host, and once the environment is shutdown, nothing is left behind on the host or in the VHD containing the runtime-captured read/write operations.

### Remote desktop connection

Using Ceedo, remote connection applications can be encapsulated into a virtual hard drive. Once launched, the environment can close any unauthorized processes, and any attempts to write data to the host, or read data from the virtual sandboxed VHD are confined, redirected, and blocked, ensuring that no data leaks to the host machine, and no malware from the host machine reaches the virtual filesystem.

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### For more information

