

Secure Portable Applications Using Workspace Virtualization and Encrypted USB

Ceedo's virtual workspace integrates with IronKey's encrypted drives to provide a low-TCO laptop alternative that allows any unmanaged Windows PC to be used securely as a provisioned and IT-managed working environment.

The integrated solution leverages IronKey's secure, managed USB drives to deliver flexible computing solutions for a wide variety of scenarios, including teleworking, remote access and disaster recovery.

IronKey Encrypted USB and Ceedo Enterprise

- Enable teleworkers, contractors and partners to work without the need to provision and manage a laptop or desktop PC
- Provide data mobility without compromising security policies with always-on AES 256-bit hardware encryption
- IronKey devices have been validated to meet the stringent government security requirements of FIPS 140-2 Level 3
- Securely provision, deploy, and manage – even for very large user populations – with greater simplicity and lower TCO

In an increasingly complex IT world, maintaining laptop PCs is an expensive endeavor. But as it turns out - most of the cost comes from the constant hours spent installing, removing, updating and troubleshooting software. On top of the direct IT maintenance time lost, there is also employee downtime and lost productivity while waiting for IT personnel to address the user's issues and needs.

By isolating the workspace - the user's applications, data, and associated resources - from the PC hardware and operating system, Ceedo Enterprise provides enterprises with a highly secure "work anywhere - anytime" computing solution that is simpler and more affordable to provision and manage. Deploying Ceedo Enterprise on an IronKey USB device enables businesses to provide their employees, contractors and partners with protected anytime, anywhere access to mission-critical business applications.

Ceedo Enterprise: What is a Virtual Workspace?

Ceedo Enterprise encapsulates a set of standard Windows applications within a pre-configured, secure and portable virtual workspace. When the IronKey Encrypted USB device carrying Ceedo Enterprise is plugged into any Windows PC, it allows users to start working immediately – with instant access to office software, CRM, PLM and other essential applications, including one-click remote access through VPN or Citrix.

Ceedo's workspace uses the host PC's operating system and hardware resources (e.g. internet connection, printer) without altering the host PC itself. It is robust, non-intrusive, requires no special expertise from end-users, and runs on any Windows PC alongside existing applications.

IronKey's advanced USB security devices offer hardware-based encryption and multi-factor user authentication that protect both the applications and data, ensuring that virtual workspaces are isolated from the host PC, that all data is encrypted, and that only authorized users can access the encrypted workspace.

Solution Features

Fast, flexible provisioning of mission critical applications

Ceedo Enterprise workspaces run securely from the USB device—users can work on their applications on any Windows PC

High performance and usability

Workspaces are easy to authenticate, access and use, with quick access to applications and data

Secure portable storage

Removable USB storage is protected using Advanced Encryption Standard (AES)-256 hardware encryption

Enterprise-scale centralized management

Ceedo management system deploys, updates, and manages Ceedo Enterprise workspaces; IronKey Enterprise Management Service manages the Encrypted USB drives

No second operating system

Lightweight virtual workspace utilizes the host PC's resources (network, printing, etc.) while being isolated from malware and data leakage

No trace left behind

When the user leaves, they take their environment with them, and no trace of their presence remains on the host

The Possibilities of Flexible Computing Using Secure Virtual Workspaces

The availability of affordable, secure and highly flexible solution for enterprise-grade computing beyond the organizational domain provides an unprecedented level of flexibility in dealing with a variety of challenging IT scenarios, at an unbeatable cost-to-performance ratio. Using Ceedo Enterprise on IronKey encrypted USB devices, IT organizations of any size can easily address scenarios such as:

- **Teleworking and secure remote access.** Employees taking their laptop home is common practice these days, exposing enterprises to the risk of theft and damage. And though home PC's can be used for work, they cannot easily reproduce the productivity of the office workspace. Using Ceedo Enterprise on IronKey Encrypted USB provides all the capabilities, usability and security of enterprise computing without the management overhead.
- **Provisioning users quickly on unmanaged PCs.** When computing resources are required outside the organization's premises and far from the domain of IT, such as when providing resources for customers, subcontractors and affiliates, Ceedo Enterprise on IronKey Encrypted USB allows users to start working in minutes – without having to wait for a managed desktop or laptop to be approved and provisioned.
- **Disaster recovery.** One of the most difficult challenges of every disaster recovery plan is restoring the enterprise software and re-establishing a productive desktop workspace. Ceedo Enterprise on IronKey Encrypted USB provides a fast, simple and highly affordable solution for equipping users for uninterrupted business continuity – so that when D-Day happens employees are ready to resume their work in minutes.

Advantages: Ceedo Enterprise and IronKey Encrypted USB

Ceedo Enterprise on IronKey Encrypted USB allows enterprises and other IT organizations to concentrate on providing timely, mission-critical computing resources to their end users, without having to compromise on security, flexibility, or functionality or make sizable investments in centralized computing resources. The solution offers a high level of convenience for the user at a low TCO for the organization.

About IronKey

IronKey provides essential security products for mobile and remote workers. IronKey solutions protect remote workers from the threats of data loss, compromise of passwords, and computers infected by malicious software and crimeware. IronKey multi-function devices connect to a computer's USB port and are easy to manage with the IronKey management service. This allows users to securely carry sensitive corporate data, strongly authenticate to VPNs and corporate networks and isolate remote workers from malicious software and crimeware. IronKey customers include Fortune 500 companies, healthcare providers, financial institutions and government agencies around the world. www.IronKey.com

About Ceedo

Ceedo Technologies delivers virtualization solutions that extend the reach of business computing to unmanaged devices such as an employee-owned PC or laptop, low-cost netbook or secure USB storage. By enabling the user's application workspace to run on any device, Ceedo allows customers to provision teleworkers, temps, contractors and business partners immediately without the need to manage additional desktops or increase their datacenter capacity. Ceedo's products have been deployed on over 4 million devices worldwide, where they are managed and used daily by consumers, enterprises and service providers