

vKey Disaster Recovery Solutions Overview

vKey DR (Disaster Recovery) Solutions offer real-time, pocket sized, dynamic disaster response tools that enable business continuity for all employees. vKey DR Solutions ensure the availability of accessing an organization's data and applications from anywhere.

vKey DR changes the paradigm by enabling a robust, real-time response strategy. vKey DR does not require standby facilities, equipment, or telecommunications to deliver a twenty-fold cost performance improvement over its closest industry rivals while adding: military grade encryption, extreme portability, trusted and secure remote access, and the capability to run on any standard computer. Delivering applications or complete environments in a virtualized cost-effective, software-only solution.

Simply launch a vKey DR Device on any standard computer during the event of a disaster to securely and immediately resume office operations or commence event response protocols.

How does vKey DR address the problems?

vKey DR eliminates the high cost and complexity of desktop and server disaster recovery by replicating any computer, onto any regular media device (USB, MicroSD, HDD, SSD, etc.), at any time. By plugging into a standard computer, vKey DR becomes a virtualized desktop or server.

vKey DR is intended to replace office desktops in a disaster event, which provides equivalent functionality to serve as a virtualized computer. vKey DR Solution has two elements: Preparation and Implementation.

1. Preparation – Decide what organizational applications will be placed on the vKey DR Devices.

vKey DR can use virtual images; either newly created or converted “physical” to “virtual” images of an existing system. Once complete, using vKey Enterprise Builder (vEB) and vKey Device Manager (vDM), a “master” vKey DR image is captured and loaded onto the vKey DR Devices. Commission and distribute the vKey DR Devices to end-users, meeting required Business Continuity Planning procedures.

2. Implementation – Using the vKey DR Devices.

When a disaster strikes, employees use the vKey DR Devices for IT/IM access to the organization's data and applications in accordance with Business Continuity Process and event-specific requirements.

The process simply requires end-users to launch the vKey DR Device on any standard computer and connect to the organizational IT/IM infrastructure, or to deliver whatever work is available in offline mode should the organizations IT/IM infrastructure be inaccessible.

Why choose vKey DR?

Recoverability

Fast recovery configuration and process, designed to meet your RPO (Recovery Point Objective) and RTO (Recovery Time Objective) requirements.

Low cost

Eliminates duplicate resources (reduced capital expenditure), no dependencies or investment required for back-end systems.

Security

Dynamic security controls include remote monitoring, remote trigger self-erase, single-use passwords, hardware encryption, and communication protection.

Flexibility

Seamlessly integrate any application, OS or environment without any modifications.

Simplicity

No hardware maintenance is required.

On-Premises Disaster Recovery

vKey One

On-Premises offers a completely independent solution, with no direct requirement on corporate infrastructure. Scalable from small businesses to large multi-national corporations, end-users can effectively work from any location as if they were at their office desk. vKey DR offers the use of a dedicated Windows image or secure remote access to get all personnel up and running again.

Disaster Recovery-as-a-Service

vKey One

DRaaS (Disaster Recovery-as-a-Service) is a complete managed solution. Offloading the disaster recovery preparation and management to the DLS cloud while receiving the same benefits and features as vKey One On-Premises. A predefined plan at the core of this comprehensive DR strategy ensures an organization's success in any disaster event. The design and depth of planning provides a simple, entirely hands-off service for all personnel. With no additional infrastructure or modifications required, the result is an effortless disaster recovery without any corporate intervention. Every actor can use their vKey DR Device to access the organization's data and applications.

vKey Cloud

DRaaS is powered by vKey Secure Container ("sContainer") technology. This provides a platform and a data center infrastructure management capability by provisioning a trusted secure vKey DR virtual image – no physical device is required. The vKey DR virtual image is a known clean and secure environment for end-users to remotely access mission-critical systems during a disaster event. The vKey Cloud DR provides a secure, trusted connection from the cloud to an organization's applications, desktops and data whether in a client data center or a third-party cloud service provider.

vKey is listed and available to purchase from Government of Canada SLSA #EN578-100808/195/EE

Learn More

To schedule an appointment with one of our vKey Disaster Recovery professionals, reach out to us at +1 613-249-8818 or email:

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vkey.ca

About DLS Technology Corporation

Founded in 2000, DLS Technology Corporation (DLS) is headquartered in Ottawa, Ontario Canada. Since its inception, DLS has become a leading technology solutions and service provider fulfilling market needs and supporting evolving business requirements of public and private sectors in the areas of end-to-end infrastructure design and deployment, virtualization, secure remote access, cyber security, mobility, Bring Your Own Device (BYOD), cloud computing, and support business continuity. Learn more at dlstech.com.

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