

Business Continuity and Disaster Recovery Through Virtualization

Business continuity planning is critical to ensure business functions continue running during emergency events. So how can you re-organize and retool IT to accommodate a remote workforce? Most importantly where do you begin?

71% of enterprises experienced a downtime event in the past year

3. Cloud Endure: "Disaster Recovery Survey Report 2018"

Complementary Technologies

For the last few years, Teradici Cloud Access Software and the Leostream Platform have helped companies operating in complex industries augment their disaster recovery and business continuity planning across virtualized IT environments. Leostream helps to manage secure connections to virtual machines while Teradici Cloud Access Software provides secure, high-

performance connectivity to remote desktops hosted on any on-premises, hybrid, or cloud deployment. This vendor neutral approach of virtualization from Teradici and Leostream provides companies scalability, agility, security and greater flexibility for alternatives when a quick recovery from downtime is needed.

Disaster Recovery & Business Continuity

\$15B U.S. government budget to spend on cyber security in 2019

2. FY 2019 Cybersecurity Funding - The White House

Downtime happens for a wide variety of reasons - power outage, natural disaster, malware/virus attacks, network issues, etc. We know that virtual environments are not fully immune to disasters. But unlike traditional hardware-based environments, there are numerous cost-effective options that allow you to host data in multiple private data centers or public clouds to protect business continuity. The options to diversify where and how data and applications are stored or accessed does not necessarily need to be privately developed – public clouds can offer strategic advantages too. Whether it be IT infrastructure or end-user devices, both are equally important and made easier to manage with the help of VDI.

By pulling out the components of the stack and using vendor-agnostic VDI solutions, such as Leostream and Teradici, it's easy to build a VDI solution that leverages the virtualization technology of your choice – be it on-premises, at the edge, or in the cloud. Once your secondary computing resources (i.e. your virtual desktops), are established in multiple clouds, it is vital to have a brokering and provisioning service like Leostream that communicates with all virtual desktops. In the public cloud, the provisioning and power control lower compute costs associated with the DR site. Look for a management service that manages users, virtual machine entitlement, usage, and the automation of new virtual desktops when needed.

Virtual machines are visualized with Teradici Cloud Access Software and deployed in different zones in accordance with classification policies and then remotely managed on Leostream Connection Broker.

Complementary Technologies

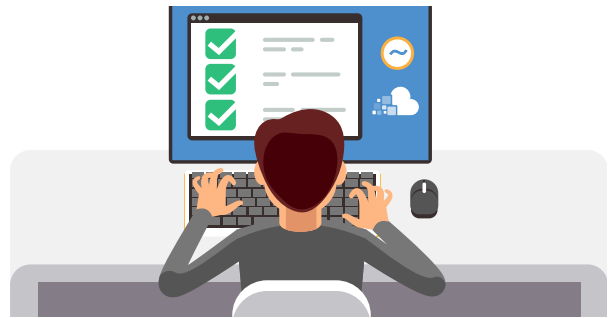
Overarching message on growing importance of security. Combined solution creates a strong security stance. With Leostream it's easy to control who has access to what and for how long, and define what happens when the user disconnects, logs out, or moves to a new location. In addition, IT administrators can enable multi-factor authentication through RADIUS, and smart cards for additional security.

Teradici Cloud Access Software offers...

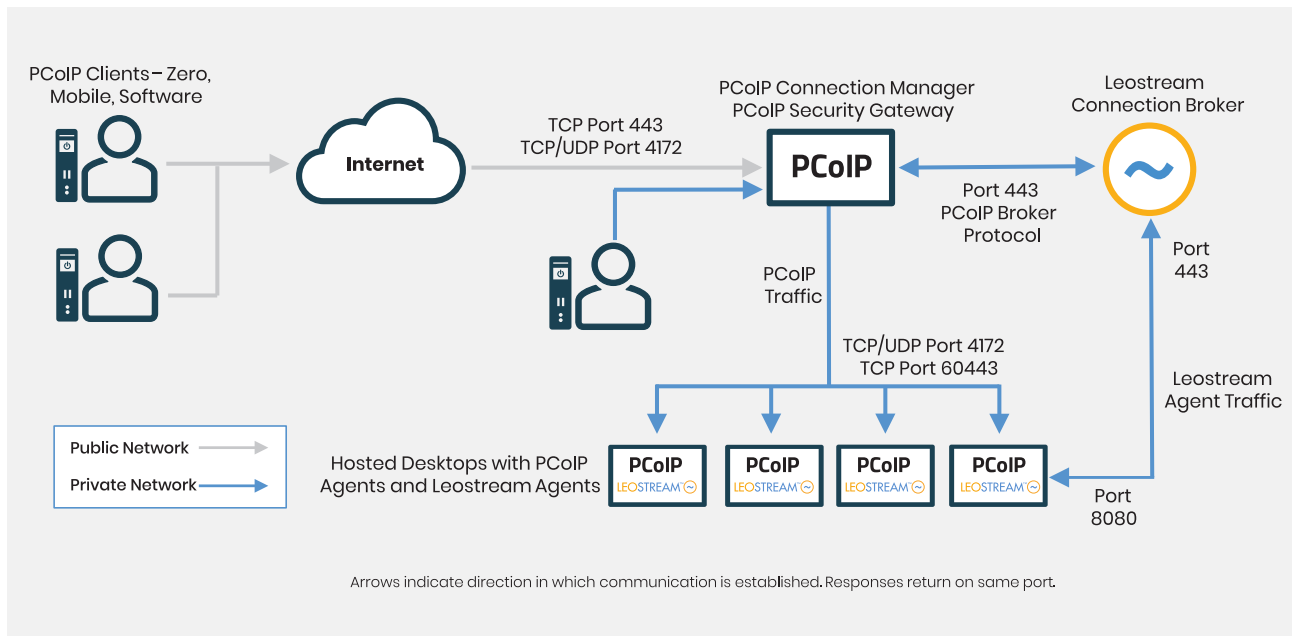
- CAS uses AES-256 to encrypt the PCoIP stream
- PCoIP is encrypted end to end
- Only pixels are transmitted between the host and client display
- Tera2 PCoIP Zero Client is highly secure with no operating system
- Dark sites (government and healthcare organizations)
- Non-persistent (training facilities, services, retail)

Ease of Deployment

- Leostream can automatically spin up VMs based on user demand without needing to provision VMs ahead of time
- Leostream is multicloud capable so you can get up and running on any supported cloud in a short time
- Teradici CAS support multiple different clients, Zero clients, Windows, Mac OS, ChromeOS, Android, iOS



Leostream - Teradici Cloud Access Software Architecture



Conclusion

IT downtime for your business is inevitable. Whether it be a few minutes or a few hours, the consequences can be very costly. For employees to be up and running quickly, it takes a virtual desktop solution that can deliver on ease of use, security, and performance. Ensure your disaster recovery plan guarantees the quick recovery of files, applications and virtual machines so you have backup and recovery capabilities in place to meet service level agreements (SLAs) for recovery time and recovery point objectives.

Cloud Access Software from Teradici is a multiload solution that enables organizations to easily deliver Windows and Linux desktops and applications from any cloud or data center to any device, with full encryption. Together with the LeostreamPlatform, we provide a simple and effective management of all Cloud Access deployments, with the ability to scale as needed.

Get in touch with a Teradici Sales Representative to learn more and request a trial sales@teradici.com and visit teradici.com/cloud-access-software