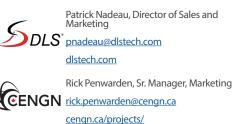# CENGN

DLS INNOVATION HIGHLIGHT

COMPANY OVERVIEW

DLS Technology Corp. is a national solutions integrator delivering custom-fit IT solutions to medium and large public and private sector organizations. DLS specializes in cybersecurity, cloud computing, digital transformation, and data analytics solutions. DLS' flagship vKey platform eliminates the risks associated with remote users and their endpoint devices, securing them against potential ransomware, spyware (key loggers, screen capture), viruses, or malware attacks by providing a secure, autonomous, and remotely managed endpoint work environment.

LOCATION: OTTAWA, ON

TECHNOLOGY

Security

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THE MODERN REMOTE WORK ENVIRONMENT

Organizations are looking to provide a secure, modern, and flexible remote work solution to optimize their end-user engagement. However, they struggle to ensure that their end-users and endpoints are kept secure. Without trusted endpoints, unmanaged devices are security breaches waiting to happen. The benefits of providing a modern remote work environment are lost if the end user's device is compromised and grants criminal access to your corporate network and your data. DLS developed and patented vKey, a cybersecurity platform that secures end-users and their endpoint devices.

vKEY: A CONTAINER SECURITY SOLUTION

Although there are many cloud, VPN, and secure remote access solutions, none truly mitigate endpoint security risks. vKey solves this problem by providing a secure envelope/container for any corporate remote workplace deployment strategy. With vKey, you can rest assured that your employees are accessing your corporate network on a trusted and clean endpoint device without any risk of ransomware, spyware (key loggers, screen capture, etc.), viruses, or malware. Whether you are using SRA, VDI, VPN, secure web-browsing, DaaS, SaaS, PaaS, or IaaS... vKey complements all these solutions with its proprietary security container.

UNDERSTANDING SERVER REQUIREMENTS

On the CENGN Testbed, DLS met its goal of identifying scalability patterns with the large-scale simulation testing of their cloud-based vKey solution. DLS pinpointed hardware resource requirements, including server specifications and the number of such servers required. DLS also overloaded their server to identify and optimize key areas. The result obtained will now help DLS support the required number of user connections with desired bandwidth.

> "The outcome of our CENGN project is extremely valuable and allows us to adjust the setup of the product based on the test results. This helps us bring a better product to the market."
>
> **Dinesh Pujari**
> Software Developer, DLS