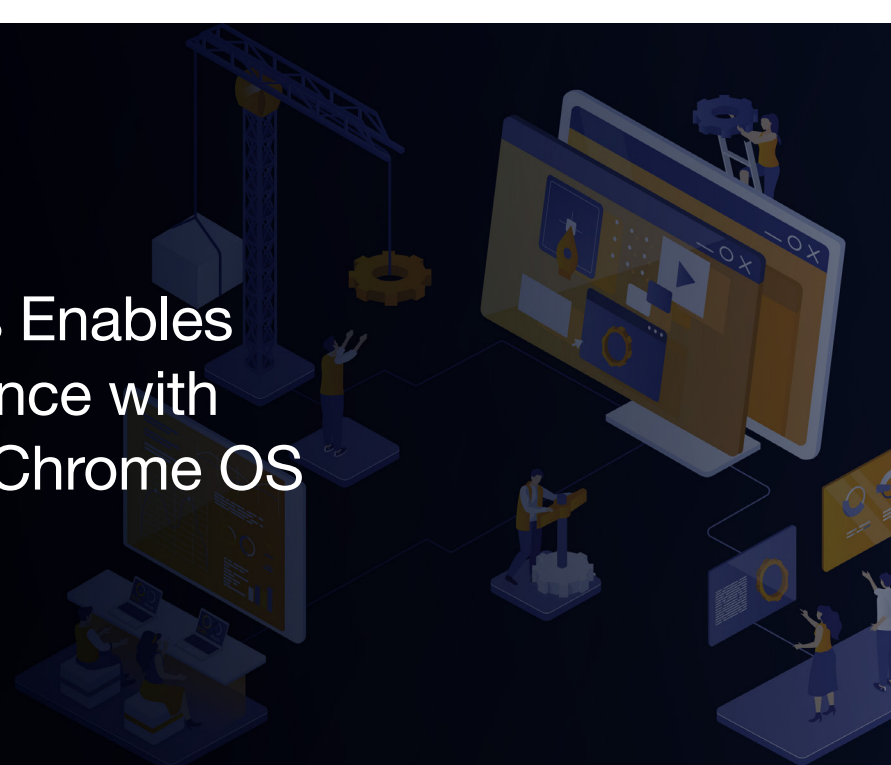


# Cervello Technologies Enables Security and Compliance with Parallels Desktop for Chrome OS



## The Results



### EASE OF USE AND STREAMLINED MANAGEMENT

Central administration through Google Admin console, making deployment simple and efficient.



### INCREASED REMOTE ACCESSIBILITY

Full access to essential Windows applications regardless of the user's location.



### INCREASED SECURITY

Leverage Google's advanced security and comply with the many requirements of the Federal Government.



### LOWER THE TOTAL-COST-OF-OWNERSHIP

Affordable licensing plans provide native-like experiences on affordable Chromebook devices.

"If a company is using Chromebook with Chromebook Enterprise and its employees need to access native Windows applications, Parallels Desktop for Chrome OS is definitely the way to go. Secure, cost-effective, easy to install and user friendly."

Walter Gartner,  
Chief Information Officer  
of Cervello Technologies

## About Cervello Technologies

- Cervello Technologies is a veteran-owned small IT Services business located in Florida.
- Founded in 2006, the company specializes in technology engineering, focusing on systems architecture and integration, interoperability testing and evaluation, information assurance, network security and network defense.
- They contract with the Department of Defense, United States Army, Department of the Air Force, United States Marine Corp, United States Central Command and more.



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## The Challenge

Cervello Technologies needed a way for its staff to work remotely and access office resources from home and while traveling for business. As a contractor for the United States Department of Defense (DoD), cybersecurity was critical. Frameworks such as the National Institute of Standards and Technology (NIST) SP 800-171 and Cybersecurity Maturity Model Certification have over 110 requirements that any non-Federal computer system must follow to store, process, or transmit Controlled Unclassified Information (CUI). To be compliant and meet these requirements, they found Chromebooks to be a viable solution. However, in the office, staff are using government-furnished equipment running Windows 10.

Cervello Technologies' employees needed to access Windows applications that require the native app and offline capabilities. Also, some websites required access through Internet Explorer, which is not available on a Chromebook. The IT leadership at Cervello Technologies looked at top solutions to facilitate the interaction between Chromebooks and Windows devices.

## The Solution

Parallels® Desktop for Chromebook Enterprise. Parallels' unique cross-platform expertise helped Cervello Technologies reduce their IT burden and eliminate stress by allowing them to leverage Google's advanced security, audit and management standards. Parallels enables Windows to be used as a sandbox application rather than online. From a security standpoint, in case of an emergency, Windows can be removed, or the whole Chromebook can be wiped out, and a brand-new virtual machine (VM) can be downloaded from the IT department network storage.

Parallels Desktop for Chrome OS is administrated through Google Admin Console which makes it straightforward for Cervello Technologies to manage their licenses. Installation was remarkably quick, taking less than a couple of hours. After installation, Cervello Technologies could provide access to Windows apps seamlessly. It turned out that all smart card readers are compatible with Parallels. The problem turned out to be the smartcard middleware that was installed in ChromeOS as it was blocking the pass-through of information. On machines running Parallels, they no longer install the ChromeOS middleware.

## The Results

Cervello Technologies experienced many benefits after deploying Parallels Desktop for Chrome OS. The IT team has peace of mind regarding cybersecurity with Chrome OS verified boot, multilevel encryption, remote deactivation, sandbox apps, Google Play Protect and Google Safe Browsing. Cost savings were significant and immediate as Cervello Technologies is not required to pay for Desktop as a Service (DaaS) and can achieve full workforce performance on affordable Chromebook devices. Parallels Desktop for Chrome OS has helped Cervello Technologies unleash the full potential of the Chromebook and the full power of the Windows ecosystem. End-users can work from anywhere with a near-native experience in a secure and user-friendly virtual environment.

Parallels is a global leader in virtual desktop, application delivery and mobile device management solutions. Thousands of organizations worldwide trust in the reliability and scalability of Parallels virtual desktop infrastructure (VDI) and virtualization solutions. Parallels makes it simple and affordable to deliver applications to any device over the cloud, or with on-premises and hybrid deployments. The company's solution portfolio includes the award-winning Parallels Remote Application Server (RAS), providing platform-independent virtual desktop, application delivery and integrated thin-client management from a unified interface to any modern operating system.

For further information visit [parallels.com/ras](https://parallels.com/ras)  
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