OPEN
DRIVES
Anywhere

Working from home with
OpenDrives, with the
performance you expect
and need... right now.

At OpenDrives, we understand the challenges our customers are facing and the critical demand for a "new normal" to help keep projects and production teams afloat now and into the future. We are your partners in this and here to support you, which is why we've quickly pivoted to develop and deliver a remote solution to help maintain productivity, performance and positivity during this challenging time.

Corporate shutdowns are necessitating a drastic shift toward employees working from home. While the decision to facilitate large-scale remote productivity makes sense, it's not so easy from a technical perspective. In media and entertainment, the effort to support remote infrastructures is especially considerable.

To make it work, remote workstations need to interoperate with centralized compute and storage resources within your data center without severe workflow performance degradations. In practice, that's very tricky. Most media businesses have already built out costly physical infrastructures to meet the intense demands of content pipelines, but they haven't worked through the difficult task of implementing and supporting remote workflows.

We've explored the common options available, including; (i) enabling workers to take workstations and storage media to their remote locations - we've called this the "Take-Out" model - and (ii) enabling workers to leverage compute/storage resources via cloud service providers, which are accessible by remote workstations - the "To the Cloud" model.

If you are considering implementing either of these scenarios, just know that you'll have to overcome technical challenges resulting in severe performance hits and other logistical and

financial compromises. We've developed a third option, we're calling "**OpenDrives Anywhere,**" that provides your remote workers with the capabilities and performance necessary to carry out their workflows efficiently, without any of the compromises. And the best part is that every OpenDrives shared storage solution can deliver this capability and remote workflow as is!

But first, let's take a look at current, more traditional options available for remote workflow needs:

The "Take-Out" Model

This model replicates as much of the workplace resources and environment at the worker's remote location as possible, by shifting editorial workstations to worker locations or purchasing new equipment. Of course, capable data storage would need to accompany this shift.

Adding complexity to this model is the need for proxies to be generated from the raw media due to the lesser capabilities of the available remote workstations - forcing an offline workflow - unless you dismantle the entire facility and make the enterprise workstations available for deployment to remote locations. The result is that production-grade software can't support real-time collaborative workflows with dispersed multiple users. This model is very difficult to deploy and manage.

The "To the Cloud" Model

This model leverages the capabilities of cloud providers, enabling workers to upload edit media to the cloud. You basically "rent" the necessary storage and virtual workstations. Unfortunately, your media leaves your secure facility, and the end-user experience of cloud services can be untenable for sophisticated, high-performance workflows.

Cloud services are designed for scalable general-purpose IT tasks and operations, not for production-grade media and entertainment work. The workstation architecture required for high-speed, low-latency video playback is not easily replicated by cloud offerings. Additionally, low latency between high-performance storage and compute within the public cloud is hard to achieve. Factors such as variable workloads, storage rates, and egress fees make this model potentially costly.

"OpenDrives Anywhere"
Your In-Place Private Cloud Model

OpenDrives views performance holistically. An editor needs to be able to sit down at a workstation, tap the spacebar, have video play instantaneously, scrub flawlessly, and render at top speeds without worrying about all the IT logistics. With your existing office infrastructure, you already have an in-place private cloud and you can extend its power to each of your remote professionals. No reinvestment in storage is needed — and your OpenDrives storage system already supports this architectural model with the excellent performance you'd expect.
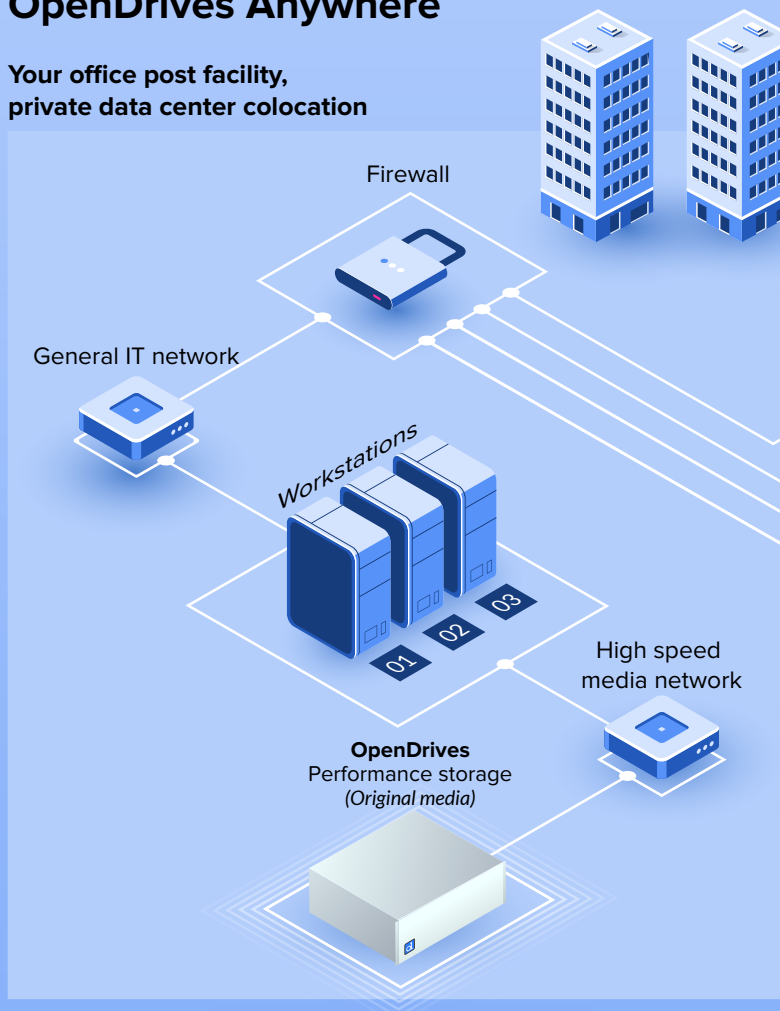
Nothing changes from a workflow perspective except physical proximity. With simple adjustments, remote control of your existing enterprise workstations can be extended via a secure connection. HP's ZCentral

Remote Boost (formerly RGS) software will facilitate remote access over secure connection to your workstations, or Teradici can provide both dedicated external hardware and software solutions for this purpose, giving you the ability to support your organization's collaborative workflows at very low cost. We can also get you quickly set up in under two hours on your corporate VPN and under 24 hours without.

If you would like to explore this efficient, remote working option, we're here to support you. This is a critical decision. Email us at anywhere@opendrives.com or call +1 310-659-8999 and we'll happily demonstrate our "**OpenDrives Anywhere**" model **LIVE** and **REMOTE,** and help you get up and running!

OpenDrives Anywhere

Your office post facility, private data center colocation

Your team working from home

Firewall

General IT network

Workstations

01 02 03

High speed media network

OpenDrives
Performance storage
(Original media)

User 01
Any computer

User 02
Any computer

User 03
Any computer

Any computer

IT