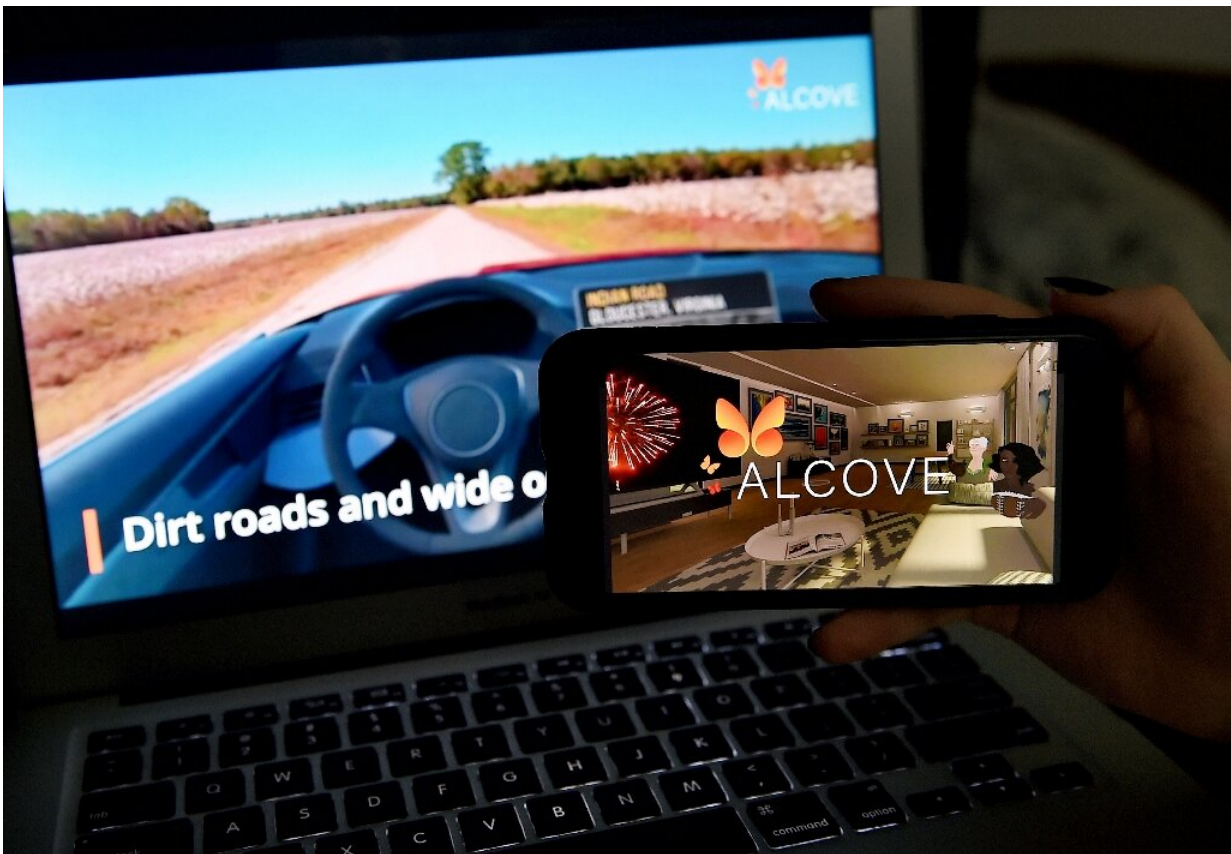


Pandemic fuels travel boom—in virtual reality

March 27 2021, by Rob Lever



This illustration picture shows a virtual road trip on a computer and the travel application logo from Alcové, a platform for virtual reality travel which has gained momentum during the pandemic

Jem Jenkins Jones was stuck at home in Wales for much of the past year

amid pandemic lockdowns but managed to fulfill a promise to her 10-year-old daughter to see the northern lights from Iceland and South Africa's game reserves—in virtual reality.

"She was amazed," she said, calling the VR travel experiences "a lifesaver for us."

Strict lockdowns and travel limitations during the pandemic have sparked fresh interest in immersive virtual travel experiences, which have become more accessible and affordable with new apps and VR hardware.

Even those confined to their homes can take a virtual jaunt to Machu Picchu, the rainforests of Borneo or a road trip across the United States in a convertible.

Data on VR travel usage is limited but developers have seen surging interest since the pandemic hit.

"It has been skyrocketing," said Cezara Windrem, creator of the Alcove VR platform at AARP Innovation Labs. "We're getting more adoption every month."

Alcove enables users to visit exotic locales such as Australia's coral reef or the island of Malta, while adding a "shared" experience which enables people to interact and even "lead" a family member without the technical skills to navigate in a VR headset.

"We've heard from a lot of people who discovered Alcove and decided buy a headset for their elderly family members," Windrem said.

This allows for shared travel even during a lockdown and other kinds of experiences such as "playing chess with someone on the other side of the

planet."



Amy Erdt, who manages a virtual reality Facebook group, sits in her living room in Oregon and travels to foreign cities virtually using her Oculus headset

Travel substitute, complement

With the [tourism industry](#) largely obliterated by the coronavirus outbreak, virtual reality has emerged as both a substitute for real-world travel and a complement to help people plan their next trip.

App developers have created a range of travel experiences: touring the pyramids of Egypt, the Taj Mahal, the savannahs of Kenya or the Antarctic from a kayak. These come from commercial operators or

organizations such as National Geographic or World Wildlife Fund.

Users can opt for hardware from Facebook's Oculus, Sony's PlayStation or the inexpensive Google Cardboard, among others. Some gear costs as little as \$300 and many apps are free.

"I have traveled every week since the pandemic, from the comfort of my home," said Rafael Cortes, a San Antonio computer professional who uses Alcove and YouTube VR.

"I've been to London, the glass bridge in China, Angel Falls in Venezuela, the ancient city of Petra in Jordan, a helicopter tour of New York."

Amy Erdt lives in Portland, Oregon, but with VR, "I like to walk around my sister's town in Wallingford, England, occasionally because I can't be there."



This illustration picture shows a virtual road trip on a computer and the travel application logo from Alcove VR displayed on a smartphone

Erdt, who administers a Facebook group of VR users, said there are "some great travel experiences" in [virtual reality](#), which can be remarkably realistic.

"I once sat at VR poker table at 1 am with a guy in Australia who was eating KFC (chicken), she said. "I could hear his KFC crunch. It was a trip."

Gaming and beyond

Virtual reality's most popular applications are in gaming and fantasy worlds, but travel is seen as a new growth vector.

"During the pandemic when everyone is socially isolated it may seem strange to isolate yourself further to transport yourself somewhere else but it does allow us to experience things we can't experience today," said Avi Greengart, analyst with the consultancy Techsponential.

Greengart said VR travel has some advantages but can't be compared with the real thing.

"With VR travel you're not getting the food unique to the area, you're missing a lot of the sensory experiences and serendipitous meetings with locals," he said.



Amy Erdt, seen with Oculus headset, on March 19, says virtual reality can help people experience travel and new destinations even if they are in a pandemic lockdown

On the other hand, "you can browse a museum and have it all to yourself," which may be impossible in the physical world.

A report by research firm GlobalData shows that virtual and augmented reality had already been gaining momentum from travel operators and tourism boards before the pandemic to enable people to get a taste of a destination before going there.

GlobalData analyst Ralph Hollister said the pandemic may be giving the sector a lift that will endure even after the pandemic.

"Spending considerably more time indoors with an abundance of spare time, combined with an urge to travel, has meant that aspiring travelers have been turning to VR to fill a void that travel restrictions have left," Hollister said.

Hollister said he sees VR becoming an important part of the process of travelers viewing and selecting a [travel](#) destination.

"The widespread adoption of VR for this kind of purpose could be the next step for this technology and help it permanently move away from its 'gimmick' label," he said.

© 2021 AFP

Citation: Pandemic fuels travel boom—in virtual reality (2021, March 27) retrieved 3 June 2023 from <https://techxplore.com/news/2021-03-pandemic-fuels-boomin-virtual-reality.html>

This document is subject to copyright. Apart from any fair dealing for the purpose of private study or research, no part may be reproduced without the written permission. The content is provided for information purposes only.