



Fortress Data Centers Use Case.

Distributed Workforce and the Need for Edge Data Centers

Contact Fortress Data Centers at
info@fortressdc.com or call 1-800-940-0997 to
learn more about getting closer to your end user.



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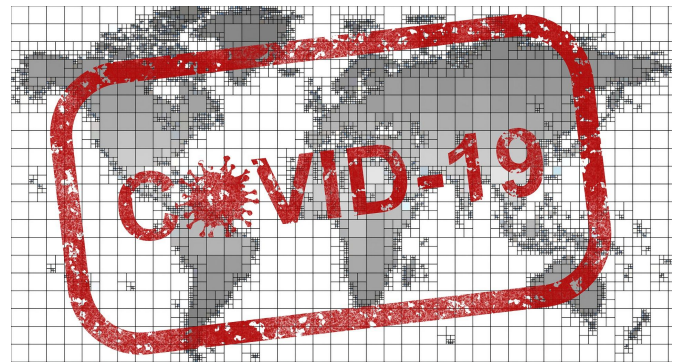
*“The **COVID-19** pandemic has forced many companies to **rethink their working environments.**”*

Fintech Startup with Over 100 Employees Permanently Moves to a Work-From-Home Policy; Gives Up Co-Working Space

This is a real example of what is happening at scale across the United States and the world. The COVID-19 pandemic has forced many companies to rethink their working environments. Anyone who can work remotely is being encouraged to do so. Will this become the norm, or will it prove to be only a temporary solution to an intermittent problem? At Fortress Data Centers, it is believed that a hybrid solution will emerge that blends the best of a flexible, remote option as well as collaboration spaces that are used for times when being together makes sense.

The shift to flexible work policies is not new but the pandemic has accelerated the use of remote collaboration and other tools for optimizing work output while in lockdown or similar situations.

It has also highlighted significant issues that need to be addressed for this new normal to be used while keeping data flow efficient and secure. While implementations of 5G improve speed and latency of data movement, Edge Computing and local data centers like Fortress Data Centers are critical to building a network environment with the performance protocols required for this to work effectively.



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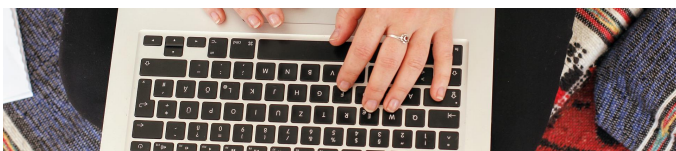
Distributed Workforce and the Need for Edge Data Centers

*“Infrastructure capabilities that allow critical work and data flow to happen **without risk of compromise.**”*

Use Case

Bill Doe is a network security analyst for a large financial institution and has responsibility to monitor their network for potentials of breach.

Bill is constantly on call with multiple notification processes feeding into an Artificial Intelligence system located in the cloud. Bill has provided a standard VPN solution to all employees to ensure they can reach the cloud systems from anywhere they work with an internet connection. But, as with many systems, it was not designed to be used by everyone at once with minimal thought on how this would work when employees are on extended remote-only policies. At the same time, Bill is seeing an increase in threats as attacks to the network have increased dramatically. It is believed that nefarious actors understand that Bill and other security management personnel are not thoroughly equipped to respond when working remotely.



It could be as simple as not having an automatic roll-over responsibility when Bill goes to have a cup of coffee or walk the dog. Or the kids need help with their homework and Bill's wife is at the grocery store. Five minutes away can mean time for opportunistic hackers to create chaos.

Scenario

Fortress Data Centers is preparing for a world of critical, local Edge infrastructure down to the point of need which means every home, apartment building, office, hospital, autonomous vehicle or even a park in the neighborhood has the system access required. Remote-work is no longer a benefit that some companies give their employees such as Friday work-from-home. It is a requirement to have the same, if not better, infrastructure capabilities that allow critical work and data flow to happen without risk of compromise. With Carrier-Neutral Meet-Me Rooms, Mission-Critical Colocation, Zero-Trust SDN interconnectivity, 5G Enabled infrastructure and a constant system of improving performance for customers, Fortress Data Centers is on the Edge for making remote work, the norm.

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