

Move Your Workforce to the Cloud in One Day

How to Expand & Empower Your Remote Workers with Dramatic Speed and Effortless Scalability

30% of the workforce works remotely full time. That's up 140% since 2005.¹ But while remote workers are commonplace they're far from universal, with many employers still demanding work from the office for most workers.

What happens when disaster strikes, and new workstyles become a *force majeure*?

For many, the global pandemic of 2020, COVID-19, is a dire test case in disaster preparedness, forcing a mass migration of workers from office work to remote work virtually overnight. Today, the workforce has been dramatically altered. And the true impact of this change — long term, mid, and short — is yet unknowable.

What is all too clear is, IT must empower this vast new wave of remote workers quickly and surely, delivering seamless resource availability while maintaining security and compliance.

Suddenly, Everything has Changed. Are You Prepared?

“A scalability problem occurs when an increase in the number of instances of a given managed object in the network necessitates a compensating, proportional resource increase inside the management system.”²

Yes indeed, and if that increase is abrupt and dramatic in scope — what then? If you're relying on VPN for example, how will that infrastructure be challenged?

Enterprises are ill equipped for sudden large-scale moves to remote work environments. While the use of

THE COVID-19 IMPERATIVE

The COVID-19 strain of coronavirus has everyone in a bind. The immediate need to support remote workers in vast numbers is intense — and would have been unthinkable just weeks ago.

Enterprises must provide work from home capabilities at massive scale now.

A major obstacle for most enterprises is accessing legacy Windows® apps from any device. But there's an answer. **itopia can rapidly virtualize these apps on the Google Cloud Platform, providing a turnkey remote working environment in as few as 24 hours.**

¹ “State of Remote Work 2019,” Owl Labs (www.owllabs.com/state-of-remote-work/2019)

² *Network Management, MIBs and MPLS: Principles, Design and Implementation*, by Stephen B. Morris

mobile technologies is now widespread, bandwidth resources are still precious, and key infrastructures are designed and implemented for a segment of the workforce that traditionally works remotely. Chances are, they were never intended for a mass migration event.

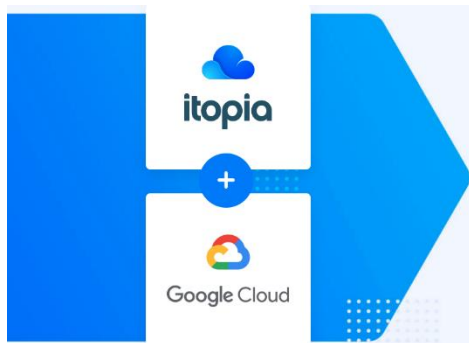
When workers cannot access the resources they need with the security the enterprise demands, organizations must scramble to stand up new or expanded environments.

Good news: you can do it in one day.

Three Technologies. One Day. Workforce Empowered.

There are three key technologies that will empower your workforce to continue producing value for your company — seamlessly, scalably, and securely.

Desktop as a service (DaaS) is a virtual desktop that's been outsourced to a third party.



Because it's a hosted environment, the enterprise is free from the burdens of managing a virtual infrastructure, swapping out old-school VDI for a vastly scalable cloud-based environment. DaaS allows instant-on, disposable or long running, secure remote desktops. It's the perfect solution for a remote workforce, it's inherently more secure than locally installed apps, and it can be implemented for a new wave of remote workers with minimal implementation time.

Multi-factor Authentication (MFA) simply means gaining access to computing resources with multiple sources of evidence. Often, it's as simple as possessing a login ID and a known mobile device. The rule of MFA is: something you know (such as a PIN), something you have (such as a mobile phone), and something you are (a biometric).

Zero Trust Networking means exactly what it says: trust no one. IT began taking a hard look at zero trust as it became clearer that cyber security is more than a cascading sequence of patches: it's a new way of life for the enterprise. Zero trust means denying trust to any and every request for network access until it's known who is requesting that access and their right to do so.

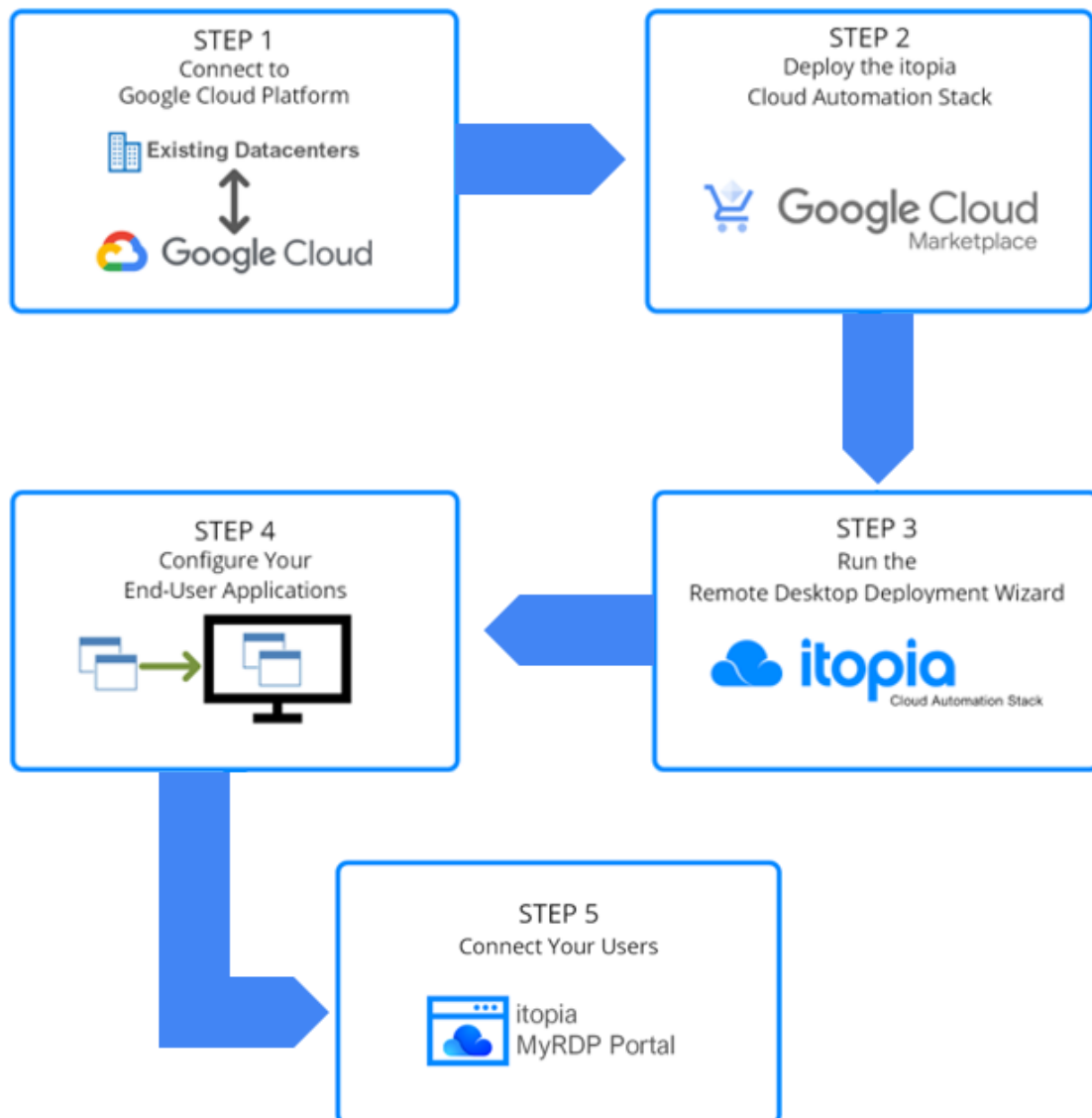
Taken together, these three technologies yield as near to ironclad an approach to equipping and empowering a remote workforce at any scale with state-of-the-art security. And because they can all be implemented by leveraging existing and proven cloud-based solutions, they can literally be up and running for you in a single day for many prevalent use cases.

Preparing Your Enterprise with One Stroke.

Businesses must act to keep their employees safe while continuing day-to-day operations. Enabling remote workers by equipping them with secure, remote desktops in the cloud ensures that your workforce will remain productive and your business can run without interruption. Derived from itopia's experience with many Google Cloud Platform implementations, here are the key best practices that can keep your enterprise prepared for working through natural disasters.

One Day. 5 Steps.

Itopia makes it simple. By leveraging the ease of deployment and use of the Google Cloud Platform together with innovative technologies developed by itopia, many



common use cases can be up and running in a single day — securely and cost efficiently. Here are the five key steps to Google Cloud deployments with itopia.

[Our Preparedness Checklist.](#)

Your workers are people.

And unexpected things can impact your human workforce. Ensure you have a documented plan that determines when and how your people can work from home if they are sick, or if a quarantine or other disaster prevents them from accessing the office. This should weave together the elements of company policy, workforce productivity, and the availability of enabling technology.

Assure their resources.

If your workers cannot come into the office, make sure they have access to the sensitive data and apps they need to continue fulfilling their daily responsibilities. As you define your plans for resource availability, take a hard look at inherent issues like lag time: how long does it take to stand up a remote worker? How much of that time is due to internal processes (submitting and addressing tickets, for example), providing necessary equipment, etc. A cloud solution is the gold standard for a smooth and rapid process.

We'll Do More. Guaranteed.

During the COVID-19 pandemic, itopia is waiving all implementation costs for qualifying use cases. We'll have your workforce up and running with remote desktops on Google Cloud in a flash. Call us.

**Jonathan Lieberman & Ubaldo Don
itopia Co-Founders**

Secure end-user devices.

Your employees must always access your company's data securely. And with so many threats to secure computing, your people need your help in doing so — especially if they're not accustomed to remote work. Remote desktops, you can decisively prevent data breaches by keeping sensitive data in the cloud, while allowing employees to work from any device. It's the best solution for workers and the enterprise.

Ensure everyone's business continuity.

In the event of a widespread disaster, it's vital to establish and maintain a business continuity plan to mitigate the risk of harm. Make sure your data is backed up with multi-region redundancy in the cloud to account for any unforeseen geopolitical events.

Invest in a scalable infrastructure.

With the cloud, infrastructure vanishes. With the current best-of-breed cloud solutions, such as Google Cloud Platform, you can spin up new desktops on demand any time you

need them. Day or night. Anywhere in the world. In large waves or small, incremental changes. And you can do so within minutes.

Itopia is the #1 Cloud Automation Engine for the Google Cloud Platform

itopia is the most innovative automation and orchestration solution for Google Cloud Platform (GCP). We accelerate GCP migration, so you get superior scalability, availability, and security. We modernize IT and make it much simpler to manage with cloud automation and orchestration technology. We do this because the enterprise needs better ways to keep ahead of market transformations, while making the best use of scarce resources. Ask itopia about:

- Simplifying and accelerating VDI migrations with automation
- Eliminating costly overhead, including Citrix or VMware infrastructure
- Delivering a single, unified control panel for managing your Google Cloud Platform

We'll reduce your IT staff's workload by automating every aspect of Google Cloud Platform, so enterprises and your workforce can do what they do best.



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