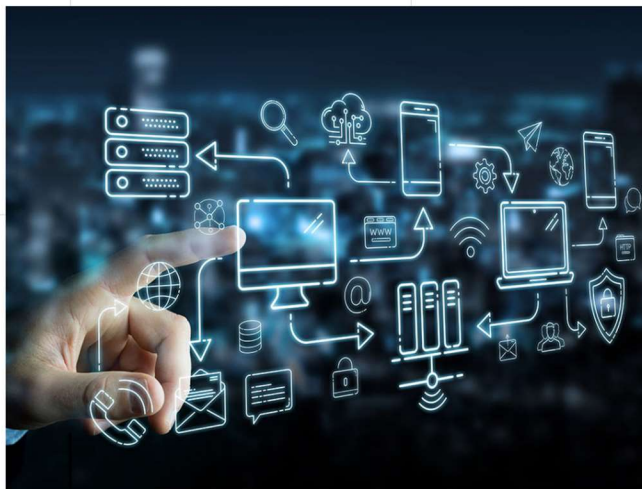


The Future of Work: Where There is Internet, There is Work (for People, and for Things)



For People

Working remotely affords tremendous freedom to those who can do it. And for those that can't, the question is: why not?

If your job involves some sort of computing device(s) and an internet connection, today there is no reason to be stuck in a cubicle. (At least in theory.) Companies are starting to realize the immense potential of leveraging a growing pool of talented remote workers located anywhere in the world.

But despite the allure, some companies still have lingering doubts about whether telecommuting is truly feasible in their organizations. Concerns vary from cybersecurity, to being able to oversee employees' work, to meaningful collaboration from afar, to productivity.

And yet, digital transformation has begun. And forward-thinking enterprises are taking advantage of the latest technologies that allow much of the work to be done remotely. For those companies, the future of work includes not just the latest tech gadgets and tools, but also the technology built for mobile workforces: remote connectivity.

So, who are today's remote workers? You may picture a professional sitting at their laptop in a coffeeshop, but telecommuting today can be much more than that, such as:

- Business owners logging into their POS systems remotely to run the day's report from the comfort of home
- Managers using remote connectivity tools to collaborate efficiently with their team thousands of miles away
- Business professionals securely transferring files to and from their office computer while in an airport or airplane
- Managed service providers offering support for other businesses

Protecting data from outside eyes

If one of the top concerns today is cybersecurity, it's for good reason: highly publicized data breaches make the evening news, and companies naturally want to know how to protect themselves. When looking for a remote access provider, savvy companies inquire about security features like two-factor authentication, the latest ISO certification, and endpoint protection to name a few.

Not every remote access provider is ISO compliant, or protects remote sessions with end-to-end encryption and brute force protection, or allows to bypass passwords altogether by setting up trusted devices (thus making the connection more secure). It's also important to remember that the strongest shield against cyberthreats is an educated workforce, to [prevent human error or complacency from weakening defences against cybercrime](#).

Working and collaborating remotely can be easier than you think



When an employee is not physically present, how do you know he or she is working? The simple answer lies in the results of their work as well as the employee's ability to meet deadlines, but employers that are new to remote work have additional concerns, such as the quality and security of the internet connection used by the employee (mobile, Wi-Fi, broadband, DSL.) In fact, remote connectivity can be an efficient, affordable and secure alternative to VPN allowing work to happen anywhere and avoid the pitfalls of unsecure public or home Wi-Fi, because it comes with its own safeguards. Some remote connectivity providers offer ancillary products for easier collaboration, screen sharing and low bandwidth video conferencing.

Finding the right solution: plan for tomorrow with the infrastructure of today.

Everyone talks about 5G — yet, it's still new, while many countries around the world only [experience partial 4G coverage at best](#), which means that mobile connections can be slow or unreliable. If you use a lightweight tool that's fast even on 3G connections, you get wider global reach and features you can use now like fast file transfers and smooth connections on slow signals, to accomplish more tasks with less bandwidth.

What you get when you are not stuck in traffic is freedom: the freedom to choose what to do with the extra time. Whether you are using that extra hour or two in your day to help solve the world's biggest problems, growing your

business or simply connecting with the people you care about, telecommuting makes life better. Remote connectivity brings work to you, no matter the type of work or where you are.

Things

Connect everything: more freedom and possibilities

In a galaxy, far, far away, everything started with computer-to-computer remote support... but much has changed since then. At some point someone wondered, if you can connect PC to PC, why can't you also remote in to your own office desktop from home? Of course, now you can. And why not access other devices, too? Yes, that's possible. Smartphones and tablets? Check. Servers? Check. Billboards, displays and POS systems? Check, check and check.

Oh, how far we've come. This incredible hyperconnectivity to devices gives people and companies tremendous freedom, and all we have to do is harness it. Around the world, and beyond, remote access capabilities are being added to an increasing variety of devices that we can connect and optimize for better productivity.

The three pillars of remote connectivity: Access, Control, and File Transfer

No matter what device you are trying to optimize through remote connectivity, you want to access it securely, control it efficiently, and then use it to make work happen. More devices than ever are internet-enabled, from the tiniest microcomputers and industrial sensors to specialized tools used in precision agriculture. Exciting possibilities lay ahead for the tiniest Raspberry Pi and Arduino powered devices that are capable of capturing minute data points on their environment, whether it's to enable the operation of an experimental, student-built solar car, or powering a custom echocardiogram device designed by a cardiologist and remotely operated by an astronaut on the international space station. Telemedicine, too, has many applications here on Earth, to help expand access to underserved areas, or enhance services for people with mobility issues.

Ready for Tomorrow: Smart Things create the fabric of our interconnected world – and keep us safer

IoT devices are gradually being embedded in more and more things, transforming cities and influencing our daily lives – from enabling smart cars to optimizing temperature sensors and traffic lights. And now, remote access takes those capabilities even further, providing real-time information to help make fast decisions across industries: from logistics and transportation to manufacturing, utilities and infrastructure. In distant or dangerous locations, tiny sensors that barely use any bandwidth are our eyes and ears inside nuclear reactors and wind turbines, alerting us before any trouble occurs. Remote connectivity opens up incredible possibilities that were previously unimaginable, and it keeps us all safer and more connected.

The future of work with remote connectivity is bright, indeed... Or, as Timbuk 3 puts it, "[the future's so bright, I've got to wear shades.](#)"