

What is Sustainable IT?



IT Support is something that all businesses need in this day and age. Technology has developed to the point where, in many cases, it is actually more inefficient to work without it than with it; and businesses need to have guarantees that their technology will be maintained, and they ever experience faults, they have access to the expertise to resolve the faults.

In this day and age, businesses also need to be highly aware of the environmental impact of their operation – this includes passive impact such as the amount of energy they use in daily operation. We heard from TechQuarters, an [IT Managed Services company](#), about Sustainable IT Support. They informed us that this is where businesses work to reduce their environmental impact through the implementation of energy-efficient technology and practices.

There are a number of ways that IT has a negative environmental impact. For example, devices such as desktops

and servers all consume energy constantly in order to function. What is more, there are statistics showing that over 80 percent of the energy a PC requires during its lifetime is the energy required to build it. When you take into account the fact that PCs have to be replaced every few years, that is a very large energy footprint.

There are ways in which businesses can reduce their energy footprint by using the right type of technology. For instance, TechQuarters provides [Managed IT Support services](#) and one of the most frequent managed IT services they provide to clients is Cloud migration. The Cloud has some significant sustainability benefits when compared with traditional on-premises infrastructure. To start with, it means you can virtualize all of your servers, and will no longer have to replace your physical servers every few years.

TechQuarters are also remote [IT Support providers](#) which offer some energy-saving benefits, such as eliminating the need to travel to customer sites as frequently. It also demonstrates to businesses that they can function just as well going remote as they can whilst working in the office. Remote businesses have a smaller energy footprint than on-premises businesses.

There are emerging technologies and services that may prove to change the way many of us use technology. For example, the rise in virtual desktop technology such as Windows 365 might extend the lifecycle of computers, by moving away from reliance on hardware, as end-users are now able to access powerful computation via the Cloud.