



IT and Services

Who Watches the Watchmen?

Someone may find it surprising that IT companies that typically provide IT services, seek IT services, but, as the proverb goes, the cobbler's children have no shoes. However, it merely means that such companies aim for improvement in performance and higher efficiency.

In short, the information technology industry is oriented explicitly at the needs of their clients, and meeting these needs at maximum effort is the industry's top priority. However, technology does not stand still, and neither does the market. No matter how efficient and progressive an IT business is - there is always room for improvement, for example, ability to move servers between databases safely without interrupting the service and risk-free data, or an affordable agreement in terms of prices, keeping IT infrastructure updated, all these aspects are vital so that the clients and their IT environments remain secure.

Your Needs and Our Solutions - Perfect Match

Hosted service is one of the cornerstones of the IT industry. In recent years, the Internet took over much of the digital domain, changing it forever. Today, the IT environment not only is less dependent on the actual hardware stored in your basement but can be solely run online. That is what providers do. They offer their clients applications, storage, security monitoring, development, in other words, the entire functional IT infrastructure for a periodical payment without a hassle of deploying and implementing their IT environments manually. Such an approach eventually evolves into a concept of the "invisible infrastructure." The idea is so simple and so efficient that it is a wonder it did not come up earlier.

An average client of an IT company today wants to use a working and functional infrastructure for their business. Keeping it on track, replacing hardware, updating software is not what an average business person wants to concentrate on in this day and age. IT teams often face problems way out of their league, and an IT budget of an average business is not exactly a Fort Knox. It is so much more logical to hire the professionals for a reasonable fee to do all those things. That is how the invisible infrastructure was born into the world.

Currently, StarWind offers products that enable an IT company to build a solid and reliable foundation for providing services to its clients with precision, multi-tasking, and reliability. Small and medium-sized enterprises are the primary clients of hosting providers, and SMEs rely on a complete set, including cloud hosting, security, monitoring, and backup. IT companies providing these services are usually in possession of structurally diverse infrastructure, including numerous virtual machines (VMs), physical and virtual servers. So, when it comes to trying shared storage in a virtualized infrastructure, high prices and overcomplicated maintenance prove to be roadblocks. Exactly that was the problem EC2 IT company was suffering from. At least, until they purchased **StarWind Virtual SAN (VSAN)**. This storage solution solved their issues rendering exceptional performance, migration, fault tolerance, and high availability in VMware. Free version proved itself useful, so EC2 IT decided that StarWind VSAN is worth its cost and bought the whole package, enjoying the growing productivity ever since.

As mentioned above, there are many types of Network services. Data protection, valued for its vitality for any company in any industry, is a separate branch. Depending on needs, Backup as a Service (BaaS) and Disaster Recovery as a Service (DRaaS) are the primary choices. The first option allows companies to use IT providers to back up databases online to the off-site storages. However, in case of a severe problem, sometimes it takes from one to two days to get the IT infrastructure up and running again. DRaaS, in short, is suitable for those reluctant to wait.

Nonetheless, both require a reliable and highly available infrastructure with fault tolerant storage from an IT provider. **StarWind Virtual Tape Library (VTL)** is just a perfectly reliable solution enabling

IT providers to drop archiving and vaulting from their list of problems, where they most definitely go, considering the amounts of data operated daily. The efficiency of StarWind VTL is recognized even in Europe. A German company that provides security and backup services enjoys StarWind VTL as it perfectly fits their environment and meets all their requirements.

However, there is also an option that covers all these services, and removing IT hassles from the workflow. Infrastructure as a service (IaaS) provides all the pros of a physical infrastructure and none of its cons. The hypervisor runs guest virtual machines, allowing the clients of an IT company to have no technical concerns whatsoever. It is useful, but it requires a lot of work from a provider, especially, those who run several infrastructures, which is why, in such cases, **StarWind HyperConverged Appliance (HCA)**, is, arguably, a necessity. It fits all the requirements and provides a reliable foundation for the IT company team.

- Low costs
- Easy to manage
- Simplicity in structuring and deployment

This software-defined hyperconverged platform provides an excellent playground for any IT company, and **StarWind ProActive Support**, an accompanying feature, helps your IT specialists to deal with other IT environments, without worrying about their own.