

Internet Data Centres (IDCs)

Introduction

At the very foundation of OneSquared's services are the Internet Data Centres (IDCs) - built to protect the mission-critical IT equipment that is used and maintained for our own systems and those of our clients.

What is it?

OneSquared uses world-class data centres to house and protect your mission-critical IT equipment and ours, complemented by constant availability and high speed performance.

Our IDCs are designed to be secure, fault-tolerant and capable of standing up to the toughest physical and logical security tests.

Why should I use it?

To gain access to high-performance IT infrastructure without the cost or worry of purchasing and maintaining it yourself.

How does it work?

The key is partnering with global technology leaders in each country we operate in. Global connectivity is provided through AT&T, world leader in telecommunications, which means our customers are offered premium uptime, connectivity, and Telco grade levels of robustness and performance – no matter what country you are in.

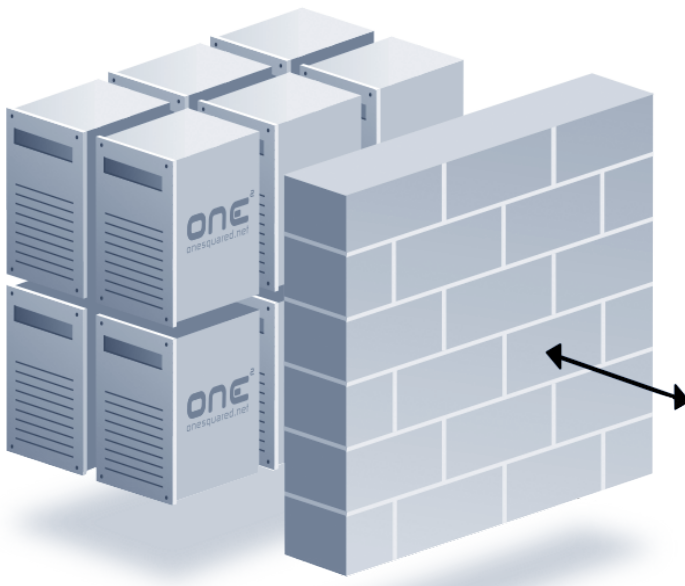
Facilities are housed in HVAC temperature controlled systems with downflow air-conditioning and state of the art fire suppression and smoke- and water-detection systems.

Every component of the IDC setup is designed with security, performance and reliability in mind.

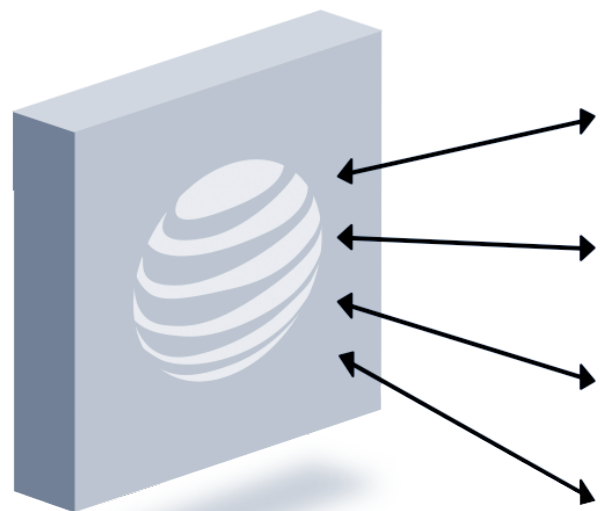
Connectivity

We work with multiple upstream providers and are carrier-neutral. This adds up to highly stable, high speed connectivity.

We are also connected to AT&T's international backbone network, meaning all traffic through this network is subject to a high level of quality of service controls and management.



- OneSquared IDCs**
- HVAC temperature control
 - Multiple UPS systems and on-site generators
 - Stringent security
 - Smoke, water and intruder detection systems
 - 24 x 7 performance monitoring



Premium uptime and connectivity and telco grade robustness is provided by AT&T

Internet Data Centres (IDCs)

Logical Security

Various stages of first-rate logical security protects all data stored within our servers. Applications running on our shared platforms must be approved in order to minimise the risk of security breaches through known code bugs.

Our production servers are located behind industry-standard firewalls, which are monitored around the clock. Customers who have dedicated servers are sited on a dedicated DMZ for maximum security.

Furthermore, OneSquared systems are kept up to date and monitored to prevent exploitation of hardware and software vulnerabilities.

Power

All power supplied to the IDC is protected in two ways - UPS systems and on-site generators - which are tested on a regular basis. Both systems ensure that in the event of electricity supply failure, all services still receive power.

Physical Security

The last link in the chain of security is physical. OneSquared provides stringent security on its premises, with permanently monitored intruder detection systems, and single entrances monitored by security guards. Additionally, prior approval is required before visitors can access the site and, once on site, they are escorted at all times.

Monitoring and Support

OneSquared's infrastructure is monitored 24 hours a day, seven days a week, to ensure that performance metrics stated in service level agreements (SLAs) are adhered to. A system of automated alerts warns staff of errors of unusual events. The OneSquared help desk is manned around the clock so you can be sure that support is at hand when needed.

Unlike many Internet Service Providers, we offer a range of SLAs to guarantee that your systems will run at their optimum levels, allowing you to concentrate on your business without having to worry about Internet downtime or security breaches.