

# SystemDeveloper.NL solves hosting services issues with Open-E DSS V6

## Open-E-based storage boosts the performance of hosting providers' systems

### The Task

SystemDeveloper.NL's customer aanbod.be is a classified ads portal. Hosting this page with millions of visitors per month the company looked for a stable, fast and cost-effective storage solution. At first SystemDeveloper.NL expanded their hosting capacity by adding more and more dedicated servers, growing with a healthy Return on Investment. After a few years of development, the company had to start virtualizing those dedicated servers. This process involved spending a lot of time testing several storage systems, all to come up with a suitable storage solution that would meet their needs in the best possible way.

A scalable and even faster solution was needed. Because of the variety of customers and their expectations, SystemDeveloper.NL was looking for a flexible setup for their business at an affordable price.

### The Solution

To enhance redundancy, a setup of four storages based on different Supermicro equipment and supported by Open-E DSS V6 has been prepared (see hardware setup). Without the need for identical failover storages, a completely virtual setup was built on top of the main setup.

The cluster contains 12 virtual servers to provide all required services. Having redundancy built purely as a software solution, they are able to move every service on this cluster to the storage that is most capable for the task at hand, without downtime.

In addition, every system creates a snapshot on a remote backup server together with triggering periodic file replication tasks (rsync exports of all data).

### About SystemDeveloper.NL

SystemDeveloper.NL is a company with 25 years of software development experience working for multinational organizations and government.

Ten years ago they successfully extended their business activity towards another IT market area – server and web hosting service.

Their activity and attitude towards clients resulted in a number of satisfied customers, and stable and trouble-free network for over 8 years.

### About Open-E

Open-E, Inc. is a pioneering leader and developer of IP-based storage management software. Open-E®DSS V6™ is aimed at the SMB and SME markets. It is a robust, award-winning enterprise storage application which offers excellent compatibility with industry standards (vast variety of supported hardware), and is easiest to use and manage. Additionally it is one of the most stable solutions on the market and an undisputed price performance leader.

Open-E counts for over 27,000 installations in Fortune 500 organizations world-wide in over 100 countries for over a decade and received numerous industry awards and recognition. Thanks to its reputation, experience and business reliability, Open-E is an esteemed technological partner of industry-leading IT companies.

For further information about Open-E, its products and partners, visit [www.open-e.com](http://www.open-e.com).

## The Result



**John Timmer**, Owner at **systemdeveloper.nl**:

“The reason for sticking with Open-E software as a basis for our platforms was the fact that it requires little maintenance, and that it runs on pretty much every hardware we have tested.”



**Michael Tanret**, Manager of **aanbod.be**  
(Customer for SystemDeveloper.NL)

“Before upgrading the system to a SSD-setup, supported by Open-E software, we had troubles handling all the traffic that our sites received (about 150.000 unique visitors daily). The upgrade suggested by our provider did not give us any inconvenience.

Few months later, our websites have grown a lot, thanks to the advice of our provider. A faster website is not only a good thing for the users, but it also has SEO benefits. We can now focus again on boosting our traffic without worrying if our servers could handle it.”



**Arno Laan**, Manager **aanbodpagina.nl**  
(Customer for SystemDeveloper.NL)

“Our website is a big classified ads portal, with a few million visitors a month. Because of the millions of pictures and big database, the storage was always a problem. Even though we tried expensive storages and tweaked our own software it was never fast enough.

Installing our VPS platforms on Open-E software with SSD's was possibly the biggest change we have ever made and a huge step towards fast and stable platforms.

Even with the huge number of visitors on the site, it is still possible to perform multiple file operations.

Finally, because of the Open-E software with SSD, the CPU load of the 3 VPS-platforms dropped from 50% to 10%! For us it all makes sense now a superfast storage is the key.”

## The Hardware Setup

- » 4 storage servers (12-24 SATA/SAS/SSD drives each) with a total capacity of 36 TB
- » Storages connected via Gigabit switches to 20 VPS nodes with a combined processor capacity of 340GHz (same amount of RAM)

