



Woestijnvis installation result of AVFS

We do not want to bore you with deliveries and standard case studies.

But this one is worth to read because of unique & brilliant technology demonstration of what AVFS (Ardis Virtual File System) is able to provide to a DDP customer !

We believe it was very impressive what our colleagues in cooperation with SBS and Amptec were able to accomplish here. They had a complex upgrade plan. Pascal tries to explain it all in this case story here. We do not want to bore you with deliveries and standard case studies. But this one is a special one!

de **VIJVER** media



Making it possible : AVFS.

Because of the Ardis Virtual File System (AVFS) in-house developed by Ardis Technologies, it had been possible to operate full shared storage capacity using a mix of different type of disks capacity in the same storage array. DDPs shared storage systems are fully compatible to collaborate on the same files in Windows, OSX and/or Linux, making so possible to collaborate on the same files and at the same time across a massive number of artists.

Customer Request/Target:

With a total of 4 operational DDP entities inside the De Vijver Media, SBS Belgium owns 2 DDP systems for Post Production purposes.

Each systems is composed of 1 DDPHead and 1 DDP60EXR extension array with 60 slots capacity each.



DDP is able to grow with the customer and/or production needs in terms of capacity and/or speed.

This kind of update can be done transparent to users and administrator, without changes to the folder / file directory tree.

DDP customer for many year now, SBS wanted to upgrade their shared storage capacity with 100TB per system, to be achieved by adding extra DDP disk packs of high capacity (10TB per disk).

In regards of their actual 2 DDP entities, which have grown in storage capacity since their initial integration, the 2 DDP60EXR arrays make use of 3 different disk types. The first DDP systems had been initially delivered with 10TB disks and make use of the Ardis Hybrid Shared Storage technology. They were composed of a mix of HDD and SSD group of disks, 30x HDD and 10x SSD.

The second DDP systems were composed of DDP disk packs of 4TB and 10TB.

Aside of extending the shared storage capacity, the customer wanted to integrate 2 new DDP hybrid systems, 2 new DDP 24D hybrid systems to be used for many different tasks inside the production flow.





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Customer: SBS Belgium, part of the Vijver Media Group.

DDP customer architecture:

Before upgrade systems consisting of:

2 x DDPHead
2 x DDP60EXR



Systems capacity in use:

Hybrid 300TB HDD; 10TB SSD
398 TB

Total capacity : 708 TB



Ardis Solution:

1: Capacity conversion:

* Partial HDD disk exchange of higher capacity: 4TB per disk to 10TB per disk

--> +100TB in
10TB HDD disks



--> - 128TB out
32x 4TB HDD

DDP60EXR

* SSD capacity replacement to high capacity disk: 10TB HDD

--> +100TB in
10TB HDD disks

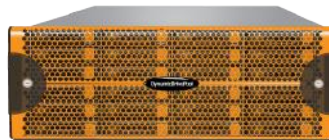


--> - 10TB out
10x 1TB SSD

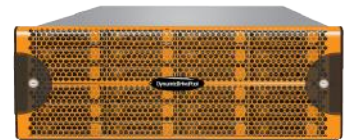
DDP60EXR

2: Delivery of 2 new DDP systems :

To be used as "hot back-up" and for multitask mediaflow capacity for Ingest/payout, temporary capacity (parking) and transfer capacity



DDP 24 Hybrid
72TB Raw
64TB HDD +8TB SSD



DDP 24 Hybrid
72TB Raw
64TB HDD +8TB SSD

After upgrade: 928TB

