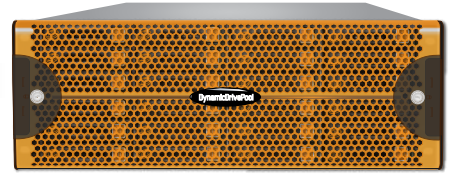


The Hybrid DDP series DDP12D (2U), DDP16D (3U), DDP24D (4U) and DDP24DF (4U) base systems



The hybrid DDPs are modular Ethernet SAN Shared Storage Servers in a box with built in metadata controller. It uses enterprise HD and SSD packs which can be configured in RAID 5 or 6. DDP is called hybrid when both HD and SSD packs are installed. Both HD and SSD packs can be of different capacity. DDPs can come partly populated so that additional HD and or SSD packs can be added later. DDP24DF base system is required for bandwidth up to 6GB/s.

DDP conceptionally works with 1 virtual volume / file system which holds folders with volume properties, so called Folder Volumes. Data itself is stored in Data Locations. Quota can be assigned to Folder Volumes to manage capacity. Also Data Locations can be assigned to Folder Volumes. When balanced is selected incoming media is distributed over Data Locations. SSD caching off or on plus cache modes are also properties of Folder Volumes. With one SSD pack SSD caching is possible thus eliminating seek time. An SSD pack can be from 4 to 64 TB. The cache results in a large increase in performance. To increase bandwidth further load balancing is available. Storage can be added later without changes to the directory tree. With an EX card installed in the DDP additional storage arrays such as DDP16EX, DDP24EX, miniDDP24EX and DDP78EXR base systems can be added. DDPs can be integrated on the fly as well. This results in a DDP cluster with linear scaling both in capacity and bandwidth.

One web interface

One volume with folders and foldervolumes:

One file system

***Hybrid DDPs can have SSD packs
and/or HD of different capacity
which also can be added later
within the same directory tree***

One DDP functions as master with parallel data access to all DDPs. DDP storage or complete DDPs can be added without users noticing.

All hybrid DDPs use hardware RAID technology with redundant power supplies. Optionally 1GbE, 10GbE and 40/100 GbE ports can be added. Archiware P5 for backup, archive or synchronize comes integrated in the DDP web interface.

The supported operating systems are Linux, OSX and Windows. In order to guarantee the highest performance, an iSCSI initiator and AVFS client driver are installed on each desktop. For clients wishing to use DDP as a NAS, no drivers are required.