



Functional Specifications

- direct read/write from/to the DDP with Final Cut Pro and Avid
- direct read/write from/to the DDP with Pro Tools
- direct read/write from/to the DDP with all other applications
- exclusively uses SCSI over Ethernet (iSCSI)
- can be immediately connected to your GbE Ethernet network
- easy to use Graphical User Interface
- postgres Database for workflow management
- optional software for educational facilities
- no system administrator needed to operate and maintain
- no license fee nor number of users limitations
- can be used with any mixture of Windows, Mac, Linux and Unix desktops
- can be used both as a SAN or NAS system
- capacity from 1 TB to 168 TB per system
- a DDP version for your requirements
- bandwidth 2 GB/s or more for multiple HD, 2K, 4K streams
- scalable in bandwidth and capacity
- so easy to install that it can be demonstrated
- service diagnostic via Internet
- backup to any tape solution or using mirror DDP
- affordable

Functional Features

- the possibility to create any number of drives with any capacity limited only by the DDP storage capacity
- the DDP graphical user interface is fast and intuitive
- the Gui shows the status of the DDP immediately on all desktops when on one desktop a change has been made



- the use of colors to represent connections, disconnections and connections status makes it easy to operate the DDP
- the possibility to create snapshots brings an extra level of reliability because any part of a drive content at a certain time can be frozen
- the DDP Gui directly communicates with the DDP and does not use a webbrowser
- drives which are no longer needed can be archived in the drivepool
- any number of desktop names can be entered
- a desktop/DDP login option can be activated for additional protection
- each drive can be labelled with additional information
- when one of the hardware elements in the system fails the DDP send out an email to the proper person as an AEN (an alarm/event notification)
- drive statistics and drive temperature are monitored with advance warning following the S.M.A.R.T. protocol
- drives capacity can be from 100 Mbyte to several Terabyte
- drives can be moved from pool to the DDP connect window or from the DDP connect window to the pool
- drives can be removed from the pool
- drives can be locked with no access allowed
- full project and file level based sharing at the highest possible bandwidth on each drive
- automatic filesystem identification
- drives can be formatted using the standard desktop disk utilities from any desktop or using the DDP utility
- automatic control of the desktop iSCSI application by the DDP application



Hardware Specifications

- Intel or Supermicro mainboards with Pentium or up to Quad multicore Xeon processors
- up to 8 GB of ECC Memory
- between 2 - 14 GbE or optional 10 GbE ports
- redundant power supply from DDP8D onwards
- hardware Raid cards in all versions with selection of JBOD, Raid10, Raid 5 or 6
- SATA harddisks or optional SAS harddisks

Hardware Features

- the DDP series uses widely standard components with proven reliability
- larger versions of the DDP to meet your specific requirements are also available
- all systems are build to order with short delivery times

General Features

- sustained data rate bandwidth over 1GbE TCP/IP port in excess of 100 MByte/sec using iSCSI
- choice between number of 1 GbE or 10 GbE ports
- the desktops all share the same bandwidth no matter if a desktop accesses their "own" drive or if all desktops accesses the same
- uses standard ethernet TCP/IP switches and cabling
- SAN speed with NAS functionality