

# //FILE SYSTEM FILTER DRIVER/

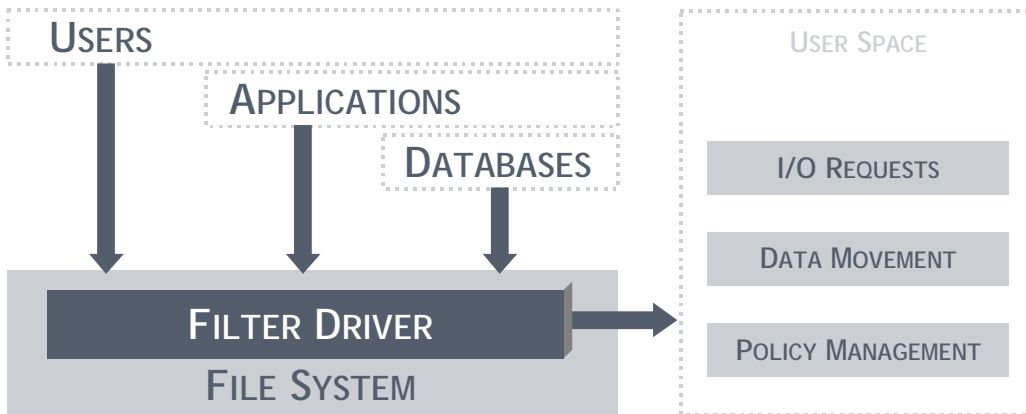
HERMES SoftLab's File System Filter Driver is a great opportunity for data management vendors to provide transparent data access and/or data protection solution effectively addressing time-to-market and quality requirements. It enables file system I/O traffic reporting, CDP, ILM, HSM or file system interface to backend storage solutions.

## FUNCTIONALITY

File System (FS) Filter Driver intercepts file system events, that is, requests to open, create, read, write and close files.

Be it on Windows, HP-UX or Mac OS X, it represents the groundwork for:

- Offloading files from file system servers to backend storage solutions
- Providing transparency of the file-recall process to an end user



## CUSTOMIZATION

HERMES SoftLab is specialized in providing end-to-end consulting, design, implementation and maintenance of complex storage and data management solutions. We can help our partners build additional functionality on top of the FS Filter Driver:

- Complete product development
- API-level integration into existing solutions
- Additional kernel-level enhancements



HERMES SoftLab  
Areas of expertise

- Information Life-Cycle Management
- Backup and Recovery
- Archiving and Retrieval
- Hierarchical Storage Management
- Device Management
- Tape Management
- Infrastructure Management
- Enterprise Management Frameworks
- Driver Development
- Embedded Storage Solutions

For more info please visit:

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- NDMP Data and Tape Server
- Multiplatform SCSI API
- Email Archiving Agent
- FS Filter Driver
- File System I/O Traffic Analysis
- Email Traffic Analysis

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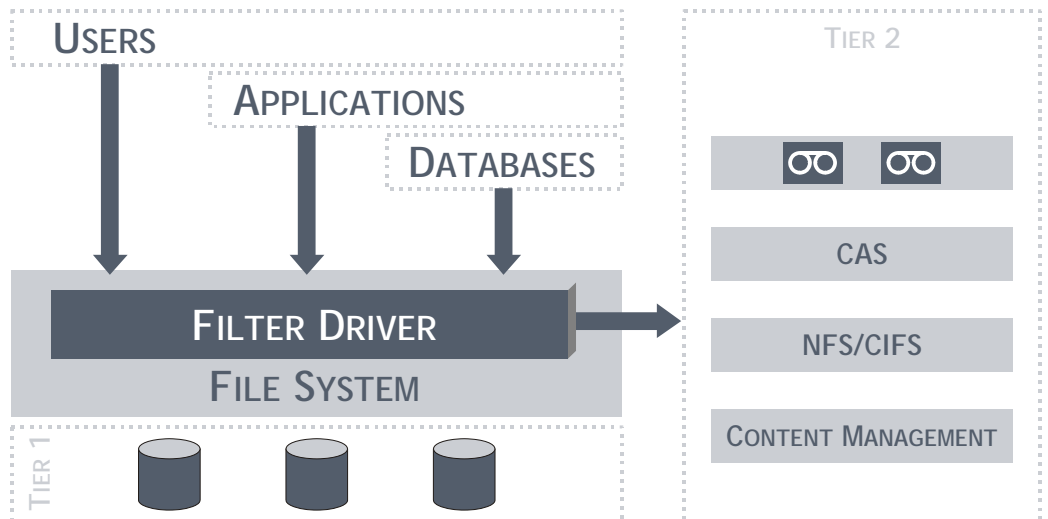
## //USE CASES/

By collecting specified information from file systems and passing it to the management service through documented API, FS Filter Driver gives your product the flexibility to build:

- ILM solution by adding data classification policies on top
- HSM solution by leveraging the data movement API of the driver
- True CDP with a time-stamped record of all I/O and versioning
- File system interface to CAS or content management solutions

## HSM FRONTEND

FS Filter Driver intercepts and processes requests prior to the file system, providing the basis for policy-based management of data protection and archiving. FS Filter Driver can effectively reroute the requests for files that are less frequently accessed to second tier storage platform.



## CDP CLIENT

Backup solutions are moving away from the traditional backup to continuous data protection in order to virtually nullify the risk of business data lost. FS Filter Driver is the core software module for implementing true CDP solution to your business data, providing a full-blown start of tracking every data activity that takes place in an enterprise.

//ABOUT HERMES SoftLab/ As one of the world's top Storage Data Management R&D labs, HERMES SoftLab is uniquely positioned to help storage vendors and vendors of data-intensive solutions in the race for product leadership by accelerating their product development life-cycle and building superior products based on technology innovation. We bring leading-edge storage expertise to different industries and allow our customers to focus on the delivery of the core benefits of their solutions.

### //HERMES SoftLab/

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