

SafeCapacity-Hotfile™ Achieve Optimum file I/O performance

Benefits

- Optimize I/O Throughput
- Increase Storage Performance
- Achieve Immediate ROI
- Maximize Storage Resources
- Continuous Storage Availability
- Advanced Capacity Management
- Supports All Storage Architectures
- Easy to Scale



Solution-Soft™

Load Balancing File Storage across Different Resources.

Achieving and continuously maintaining optimum file I/O performance in mixed storage device systems was up to now a nearly unobtainable goal requiring enormous effort on the part of system administrators. In order to reach near perfect IOPS levels [Input/output per second] enormous work was required to profile a systems file access times, much of which relied on speculative guesswork. After semi-determining which set of files belonged on what device and moving them to the correct location, applications still had to be re-configured in order to access the data at the new location requiring additional effort on the part of system administrators. Even more frustrating was that once systems were tuned such that they met a very high level of file system efficiency they would only sustain that performance plateau by remaining static, which was of course unrealistic as change is inevitable.

Achieving Optimum file I/O performance.

Effectively managing different types of disk subsystems and increasing complex data sets such that a constant high-level of file system I/O performance is maintained is now achievable with Solution-Soft's SafeCapacity-Hotfile!

SafeCapacity-Hotfile is able to identify the most active files "hot-files" in a system, by name and location through monitoring individual file I/O rates, rather than looking at disk utilization rate. This allows database and system administrators to positively identify every file causing an I/O bottleneck quickly and efficiently with 100% accuracy.

Optimize storage systems by moving "hot-files" to fast storage

SafeCapacity-Hotfile saves time and money for your organization by optimizing your storage after identifying the files on a system that are most often accessed and causing high I/O usage. SafeCapacity-Hotfile eliminates these bottlenecks by transparently migrating "hot-files" to faster devices such as solid state storage without having to reconfigure any application. This results in the immediate elimination of all I/O bottlenecks, increasing the I/O characteristics and average access times for your system

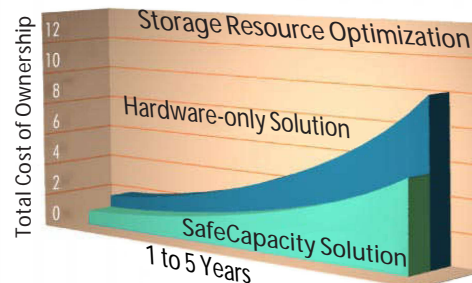
SafeCapacity-Hotfile, an extension of Solution-Soft's historically successful SafeCapacity provides the industry-leading solution for automatic storage management. The fact that files are relocated to secondary devices is completely unobservable to both users and applications. The appearance and attributes of the files remain the same, while access to these files is transparently redirected to the advanced storage device without any performance degradation. Users achieve the exact performance of the device on which their files reside. This allows SafeCapacity to provide users with high-performance, reliable, and efficient data management ensuring the highest I/O bandwidth and data availability.

Optimize Storage across Vendor Boundaries

Storage devices from different vendors have widely varying performance, capabilities and cost. Until now, users have not been able to optimize storage across vendor boundaries. SafeCapacity solves this problem by allowing users to establish storage classes and automatically relocating data based on user-defined policies. As a result, more critical and frequently used data are stored on faster, high availability disks and less critical data are routed to slower, less costly disks. SafeCapacity provides a new level of storage optimization never before achievable!

Automated Capacity Management Saves Time and Cost

SafeCapacity-Hotfile increases user control of desperate storage devices by decreasing the need to over provision storage resources on individual systems. As opposed to management by crisis, SafeCapacity-Hotfile automatically notifies system administrators when thresholds reach a defined level and takes corrective action immediately, while your applications are still up and running, SafeCapacity-Hotfile allows you to address capacity issues at your leisure. SafeCapacity-Hotfile reduces IT spending and exposure to down time through policy-based capacity management. This solution enables employees to be more productive by allowing them to focus on other critical tasks.



SafeCapacity can save 20% to 45% over conventional hardware storage solutions.

Efficient Use of Storage Resources Reclaims 20% of Available Storage

SafeCapacity-Hotfile's Storage Resource Optimization features help you overcome your storage crisis with patent-pending technology that enables optimization of your existing storage resources through automated capacity management. The use of policy-based file relocation and/or compression allows more data files to be stored online. Additionally, SafeCapacity-Hotfile can leverage your existing storage resources and limit the requirement to over provision. SafeCapacity-Hotfile can reclaim at least 20% of your existing storage availability and reduce the growth rate of your storage needs.

Scaling Across All Storage Architectures

Interoperability and compatibility in heterogeneous environments are keys to successful enterprise-wide storage management. SafeCapacity is compatible with all data storage architectures: Network Attached Storage (NAS), Solid State Disk (SSD), Storage Area Network (SAN), SCSI over IP (iSCSI) and Direct Attached Storage (DAS).

System Requirements

Disk space 5 MB Memory 64 MB

Ordering Information

For more information or to order, please contact our sales team at hotfile@solution-soft.com, (408) 346-1424 or visit our web site www.solution-soft.com to download a free 30-day evaluation copy.