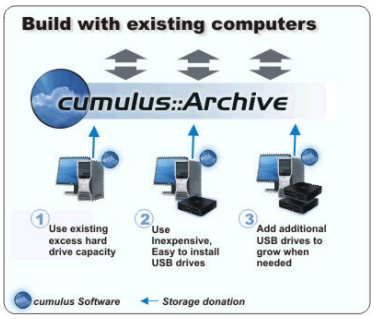
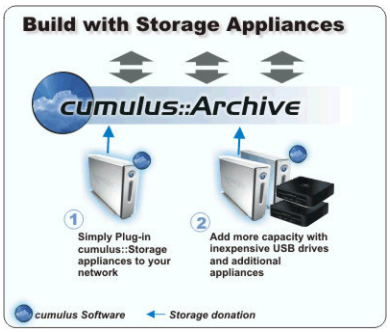
cumulus::Archive™

zethus software

cumulus::Archive uses cloud computing* technology to deliver the ultimate in archival storage.



Computers and storage devices that donate storage run a small piece of software – which installs in seconds and uses little memory or CPU. This software allows that device to join the other devices as part of a virtual data archive that is secure, reliable, efficient, scales on demand and has powerful search and organization capabilities. The software can also be run on simple plug-and-play storage appliances for the easiest setup.

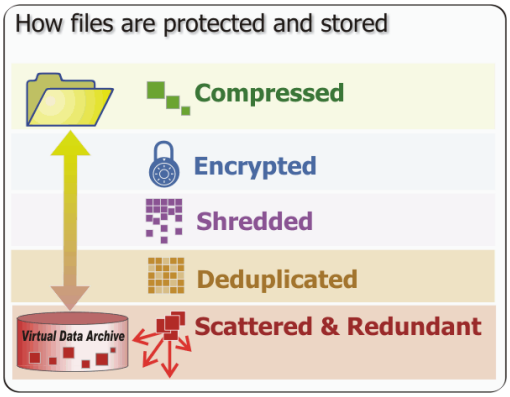


Data stored in the archive is ultra-secure because it is encrypted, shredded, and scattered. That means that successive bits of a file are not even stored on the same device. So even if the encryption was broken, the data would not be compromised – you cannot steal what is not there.

The data is scattered redundantly to many devices so there is no single point for failure – individual elements can fail or be serviced and the system as a whole continues without disruption. The system also includes self-healing to ensure that your data is always available. Another powerful capability is to include offsite storage in the redundancy, thus providing automatic disaster protection and eliminating the need for traditional backups.

The system is very efficient at storing data – it is compressed and de-duplicated at the block level so only new data is archived or transmitted.

Because the system is composed of many unified storage devices it is a truly parallel system – data can be stored, restored, searched and organizing all simultaneously. This also allows devices to be added or fail without disrupting the system.



Cumulus::Archive is designed to allow powerful searching and organization of archived data. It also includes automated data retention policy enforcement and management. Couple these features with near-zero administration and you get an easy-to-install, easy-to-manage and easy-to-use archiving tool.

*Cloud computing is a loose collection of distributed devices that are self-organizing into a whole that delivers unified services. This amorphous behavior creates an incredibly reliable and scalable system – individual elements can be added, removed or fail without disrupting the whole.

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