



STORAGE VISIONS® 2010

AN ENTERTAINMENT STORAGE ALLIANCE™ EVENT



Paul Carpentier, CTO and Founder, Caringo, Inc.

TITLE

Object-based Storage for Digital Content

ABSTRACT

The proliferation of unstructured or file-based data (content) continues to grow within organizations of all types and extends to the consumer community. The prospect of storing billions of files over Petabytes of capacity is becoming reality and exposing the challenges and constraints of traditional file systems. Object-based storage delivers a new way of storing, protecting and ensuring access to all types of rich content in the short-term and over the long-term horizon. Companies across industries as diverse as oil & gas, financial services, health care and media & entertainment are facing a common problem with their unstructured data assets. An object approach to storage enables organizations to store rich, descriptive metadata with each file and persist it over time; Content in Context. It can be used to intelligently manage the life cycle of content for a retention period, intelligent replication and distribution, authenticity for compliance and evidentiary purposes. This persisted metadata also provides for the long-term preservation of content by ensuring that it can be indexed in the future and located, if the original managing application is no longer in use. The benefits of object-based storage include clustering on affordable, commodity-based hardware and a cloud-like infrastructure. Ease of use, massive scalability, and accessibility using standard file and web protocols are also key attributes of object-based storage.

BIOGRAPHY

Paul Carpentier CTO and Founder

Known as the father of the Content Addressing concept, Paul Carpentier invented the patent pending scalable and upgradeable security that is at the heart of Caringo. He was the architect of SequeLink — the first client/server middleware product to connect heterogeneous front ends running over multiple networks to multiple databases on the server side. Paul founded Wave Research and conceived FileWave, the first fully automated, model-driven software distribution and management system. At FilePool, he invented the technology that created the Content Addressed Storage industry. FilePool, was sold to EMC who turned CAS into a multi-billion dollar marketplace. Mr. Carpentier has six patents in his name. Caringo, based on two of Mr. Carpentier's patents promises to revolutionize the data storage business in much the same manner that CAS created a whole new marketplace. Paul has the proven technological vision to create elegant and simple solutions to complex problems. As one of the founding fathers of the CAS, Paul brings history, credibility and inspiration to Caringo.