Aparavi Provides a Defense-in-Depth Approach to Security

for Core82's Regulatory-Concerned Financial Services Customer

BACKGROUND

Core82 Inc. is a full-service IT infrastructure design, cloud computing and IT regulatory compliance company that offers premier solutions to a diverse client base with a multinational business presence. U.S. Army veteran-owned and operated, Core82's highly specialized staff are selected from an elite special operation unit in charge of military communications, who apply the same level of security and diligence to client design that is required by the military.

The firm's solutions are scalable, predictable, self-monitoring and highly adaptable to evolving business ecosystems. Having a client roster comprised of companies in specialty industries, such as financial services, healthcare and energy, with strict regulatory requirements, Core82 looks for IT infrastructure solutions that serve as the foundation for operational continuity and business productivity.

THE PROBLEM:

Developing a long-term data retention system with bullet-proof security to satisfy the concerns of a heavily regulated financial services institution

When one of its customers – a smart, well-managed finance company with no tolerance for things going wrong – sought out a solution to help ensure that its business-critical data was immutable for a required period of time, Core82 looked for a solution that would help its customer absolutely, positively ensure the security of their financial information. Failure to do so would result in significant fines.

SEC Rule 17a-4 is the regulation that mandates requirements for data retention, indexing and accessibility for companies that deal in the trade or brokering of financial securities, such as stocks, bonds and futures. According to the rule, records of numerous types of transactions must be retained and indexed on indelible media with immediate accessibility for a period of two years, and with non-immediate access for a period of at least six years. Duplicate records must also be kept within the same time frame at an off-site location.

The staff at Core82 realized that with different layers of compliance required, it would need to craft a different kind of solution. To meet all the requirements, they needed a WORM-oriented solution. They implemented a dedicated server for the environment with dedicated infrastructure where data could be restored to, as well as a dedicated terminal to access it. Data would be stored in two places — locally and in the cloud.

With a primary data protection and management software already in place, Core82 wanted to ensure that their client's data was fully protected in any instance and recommended adding Aparavi® to the overall solution for lights out, always-available protection.

"When servicing customers needing to meet the 17a-4 requirement, backup wasn't enough,"

said Jonathan Schwam, CEO, Core82.

"The business driver for this particular instance was to absolutely, positively ensure that we had immutable data for the time required. If it's that important, then it was a no-brainer to have an alternate system in place. Why have one when I can have two? So, if the primary WORM archive were to go offline, we have Aparavi."

THE SOLUTION:

> Aparavi serves as the last string of defense to ensure data remains immutable and uncompromised

Aparavi is an intelligent multi-cloud data management solution for organizations with large volumes of unstructured data. Aparavi indexes, classifies, retains, and archives either on-premises or in any cloud. The policy engine automates and simplifies data retention, while the patented cloud-active-data-pruning reduces long-term storage by automatically removing data as specified. Data classification and tagging, along with full-content search, provides fine-grained control over data stored and enables regulatory and internal compliance.

True multi-cloud management enables organizations to take advantage of changing cloud economics, and an open data format removes vendor lock-in forever. Aparavi is delivered as a service, with the SaaS model saving up-front costs and shortening time to return on investment with dramatically lowered storage costs.

RESULTS:

> Aparavi becomes a key component to Core82's data leakage prevention process while offering additional features the organization can continue to leverage for other clients

Aparavi has been implemented as an integral part of Core82's data leakage prevention process. This strategic approach addresses the risks and takes appropriate steps to ensure sensitive information is not released beyond the enterprise. Aparavi makes complying with data privacy laws easier by storing files and increments as individual objects. It classifies data based on content and rich metadata. Aparavi is fully content aware, making user identification items searchable. Finally, Core82 can set rules for storage locations based on data types. Aparavi's policy-driven approach makes it easy to set retention periods at the highest level with each appliance and client automatically receiving changes with no addition action necessary.

To ensure that data throughout the financial services customer's organization is properly secured and also readily available, a monthly Security Metrics Audit is conducted. This process shows where data resides, rehydrates the data to a dedicated server, restores it to ensure recoverability and deletes the duplicated information to prevent leakage. This rigorous assessment is made easier with Aparavi's easy-to-use interface and fast search and recovery attributes.

With Aparavi recently announcing major enhancements to its platform, which include direct-to-cloud data transfer along with the next generation of data classification, tagging, and full-content search, Core82 sees even more opportunities to implement it into other customer environments going forward.

> *"Aparavi are forward-thinking Information Assurance professionals,"* said Schwam.
>
> *"As an organization that specializes in cybersecurity and compliance products, Aparavi fits right into the inventory we aim to have. Having them in our repertoire makes us stand out even more."*

Please see Core 82's Cybersecurity and Compliance offerings at: **http://core82.com**