

## ADIC DATA PROTECTION CASE STUDY:



Survivors of the Shoah Visual History Foundation is storing its digital archive on ADIC's AML series tape libraries equipped with Sony AIT-2 drives and controlled by ADIC's AMASS® storage management software.

The Shoah Foundation, established by Steven Spielberg, is a non-profit organization which has videotaped more than 50,000 interviews with Holocaust survivors and witnesses from all over the world. Interviews are catalogued and archived using breakthrough digital

technology in order to make them available via secure interactive fiber-optic networks to museums, educational institutions and nonprofit organizations.

"With a collection of over 50,000 multimedia interviews and plans to make 400 terabytes of data available on-demand at multiple repositories, the Shoah Foundation Archive represents a huge data storage and retrieval challenge that needs true state-of-the-art technology," explained Sam Gustman, Shoah Foundation Executive

*"Because it offers the unique capability of supporting both the older and the newer technologies, with both supported equally well by the AMASS software, the AML library is allowing us to migrate our data smoothly to the newer Sony technology."*



### The Application

**Data Protection Site:**  
Survivors of the Shoah Visual History Foundation

**Products Used:**  
AML/E tape library with Sony AIT-2 drives  
AMASS storage management software

**Application:**  
Storing and accessing 50,000 digitized interviews with Holocaust survivors

**Server:**  
Silicon Graphics Challenge XL server

**Special Features:**  
Library is supporting transition from half-inch to AIT tape technology

Director of Technology. "The combination of ADIC's tape library and storage management solutions and Sony's new AIT tape drive technology provides the power we need to store all of our data and to access it on-demand rapidly and safely. The tools also provide an important upgrade path that ensures we can easily integrate future technology advances as they are needed."

The project is in a technology transition now. The Foundation began storing its digitized interviews in 1994 on earlier-generation, half-inch tape drives. As project data grew, more capacity and faster access were needed. Although several tape and library options were explored, "The most elegant and technologically sound solution proved to be converting our existing ADIC AML/E tape library from our older half-inch tape technology to the new Sony format," explained Gustman. "Because it offers the unique capability of supporting both the older and the newer technologies, with both supported equally well by the AMASS software, the AML library is allowing us to migrate our data smoothly to the newer Sony technology. The new Sony drives will provide not only the capacity we need, but overall better data throughput for faster file access."



*The Shoah Foundation's AML library with AIT drives is controlled by AMASS Data Management Software.*

The AML/E tape library is a modular storage library that provides an automated robotic system for moving tape or optical storage media into drives mounted inside the library. The AML/E library can house more than 10,000 AIT data cartridges. The Sony AIT-2 tape technology can store up to 50GB of data without compression on a single 230-meter cartridge and transfers data at sustained speeds of up to 6MB/second (21GB per hour per drive). AIT technology features embedded chip technology that shortens the time to access files, making it well-suited for active archives. The system's AMASS storage management software provides a low overhead tool to organize and access even very large amounts of data stored in automated media libraries.

## ABOUT THE SHOAH FOUNDATION

After filming *Schindler's List*, Steven Spielberg established Survivors of the Shoah Visual History Foundation to develop archives and teaching materials based on the videotaped testimonies by survivors of and witnesses to the Holocaust in order to preserve the memory and establish a basis for tolerance education around the world for generations to come.

To date, the Shoah Foundation has collected testimonies in 57 countries, with interviews conducted in 32 languages. The Foundation has produced an educational CD-ROM, *Survivors: Testimonies of the Holocaust* and three documentaries: Academy Award®-winning *The Last Days*; *The Lost Children of Berlin*, honored with the Edward R. Murrow Award; and the Peabody and two-Emmy Award-winning *Survivors of the Holocaust*.

Individuals interested in supporting the efforts of Shoah Foundation are encouraged to call 818-777-4673 or write, P.O. Box 3168, Los Angeles, CA., 90078-3168 USA. The Foundation's home page is [www.vhf.org](http://www.vhf.org).

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## ABOUT ADIC

With over 40,000 automated tape libraries installed and a suite of innovative software solutions and Storage Area Networking (SAN) products, ADIC is a leading global provider in the growing market to manage and protect information for computer networks. ADIC libraries are available with multiple tape technologies and support multiple operating systems. The Company's own storage management tools provide network users shared access to information stored in automated libraries.