Digital Preservation Case Study

A Digital Motion Picture Archive Framework/ NDIIPP Project

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Context

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- The Digital Motion Picture Archive Framework Project
- 3 year partner program between AMPAS and U.S. Library of Congress under NDIIPP:
  - Follow-on report to The Digital Dilemma (indies, public archives)
  - Digital preservation case study, with a report
  - Archival image file format development and standardization
  - Research projects with published reports
  - Public outreach

The Case Study

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- StEM: Standard test and Evaluation Material

- We designed **and built** a system to manage StEM and other digital motion picture materials

Academy Case Study System

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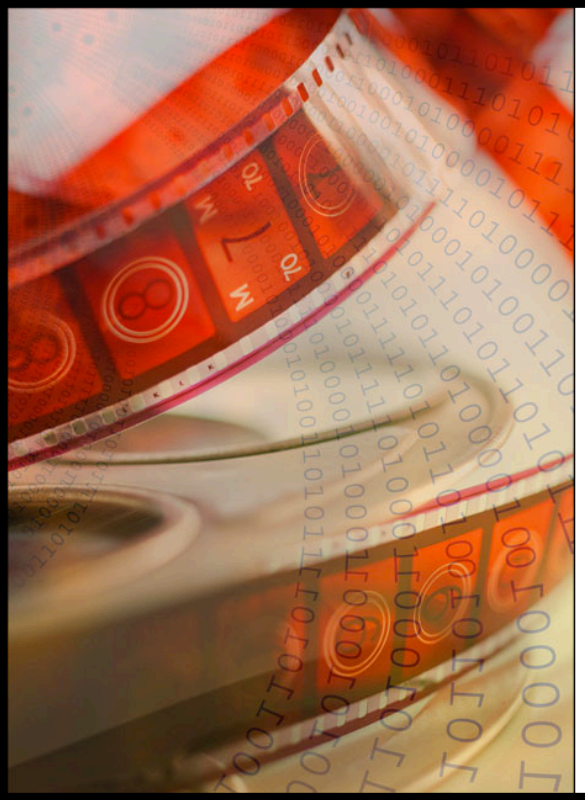

ACCESS
ACADEMY CASE STUDY SYSTEM

User Name

Password

Login

ACeSS Process Overview

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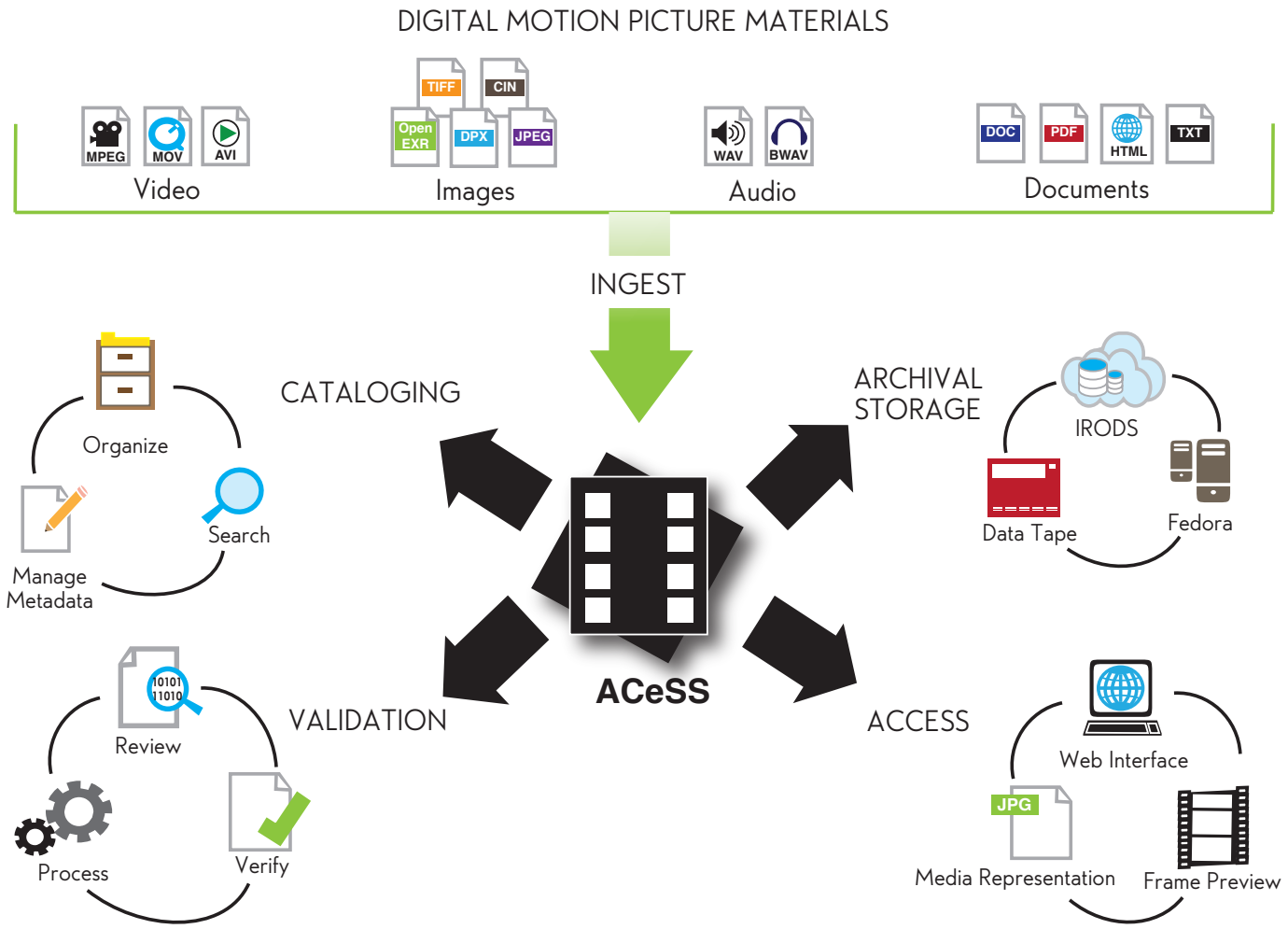
ACeSS Process Overview



ACeSS Network Infrastructure

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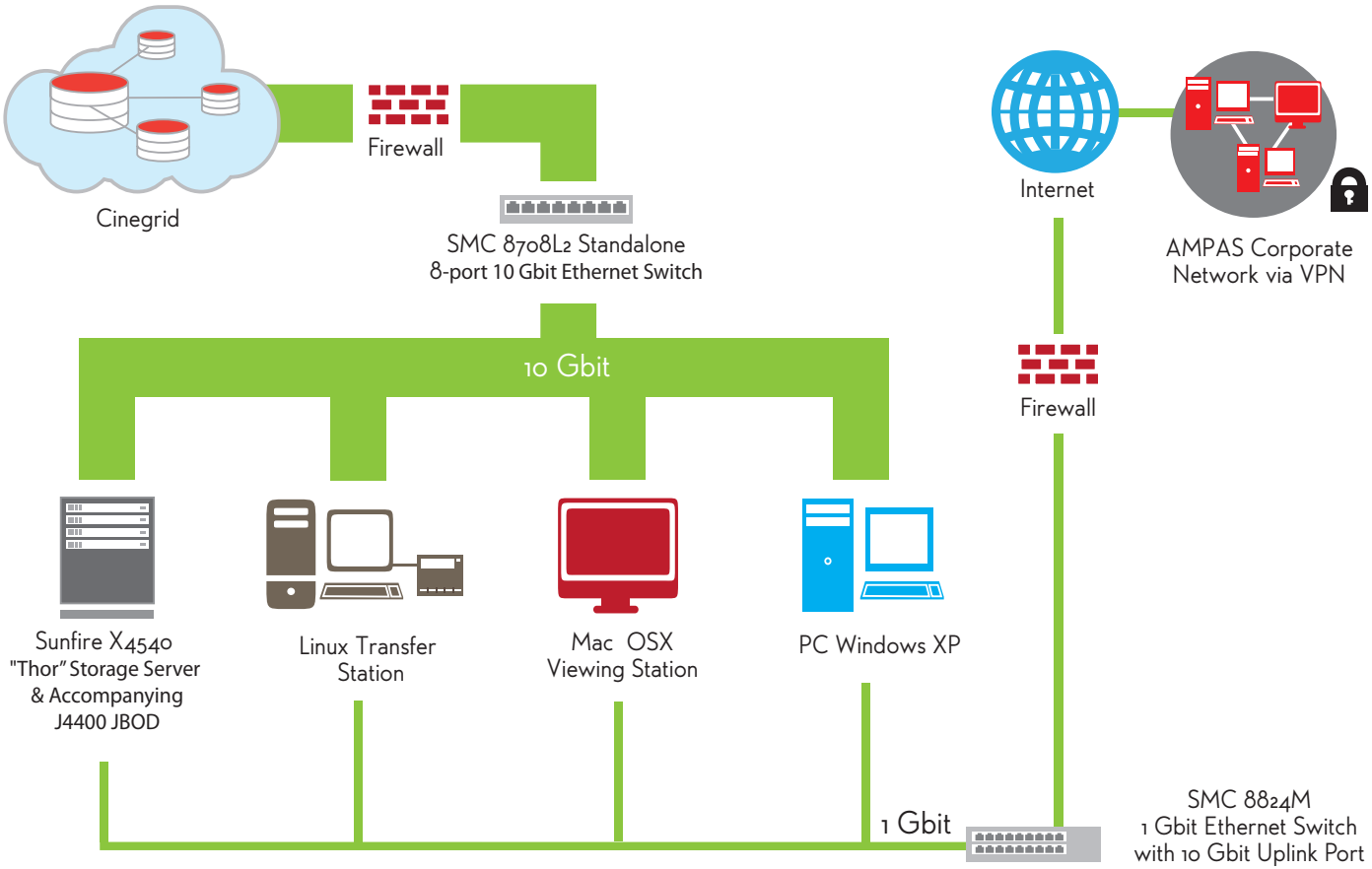
CouncilNet Overview



ACeSS is Modular

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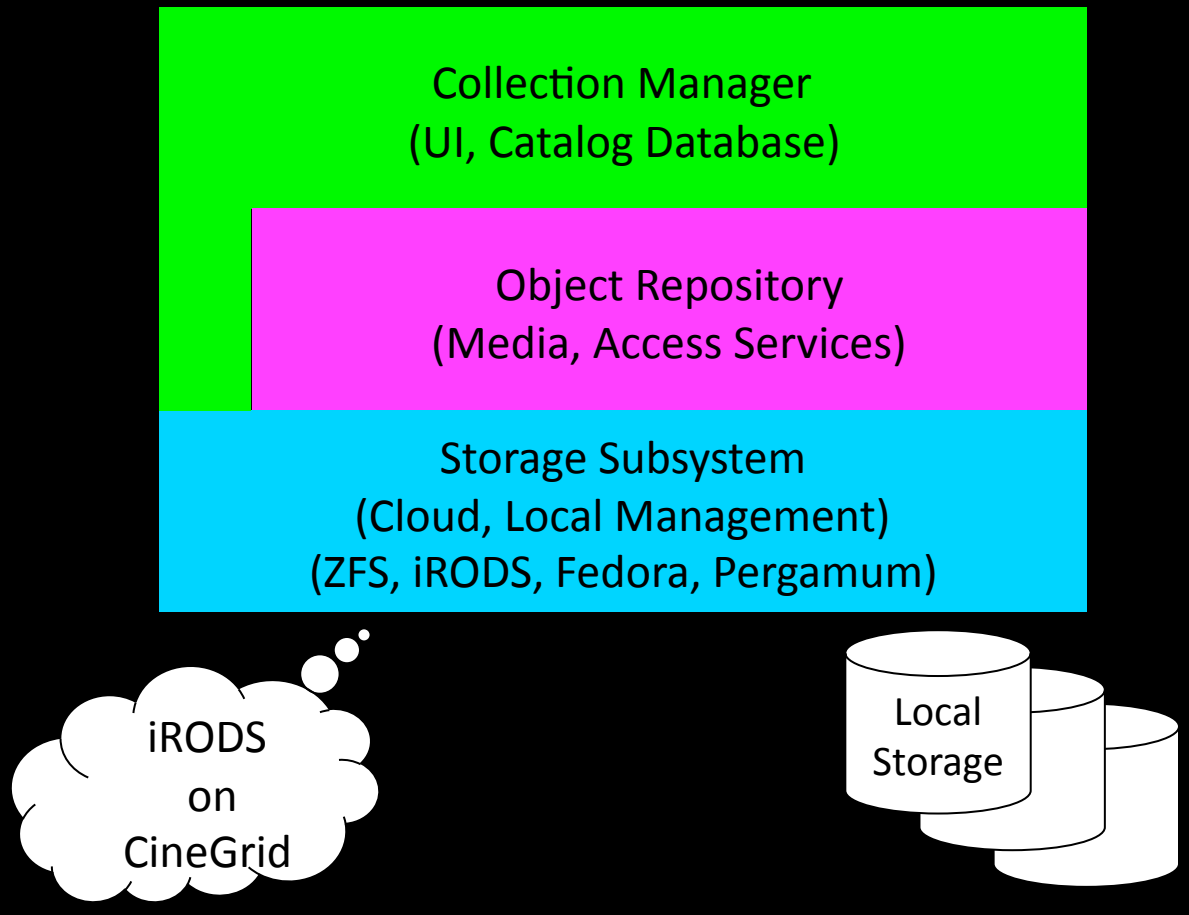
ACeSS Software Stack



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ACeSS data storage option: iRODS on CineGrid

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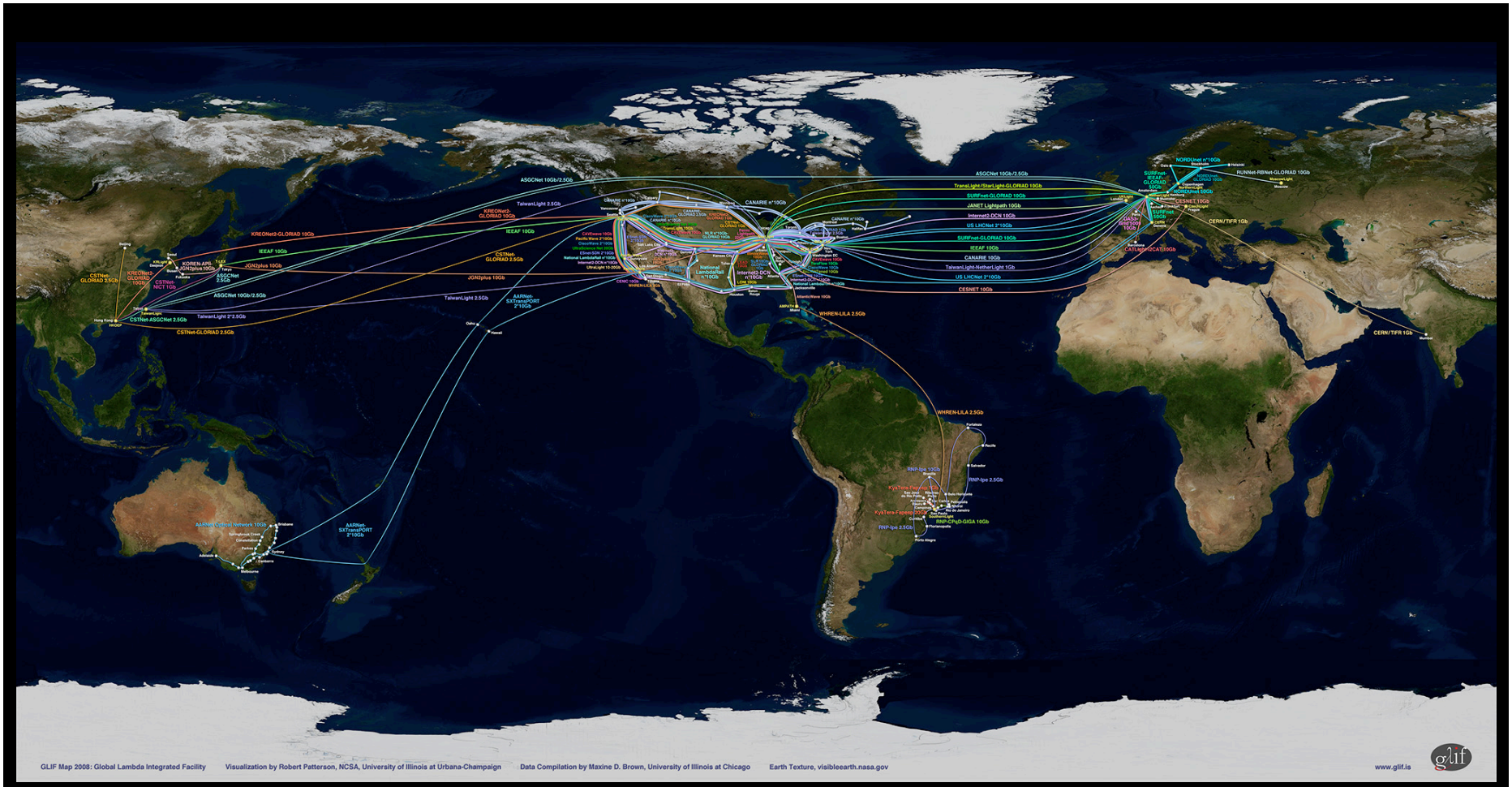

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ACeSS data storage option: Pergamum (coming soon)

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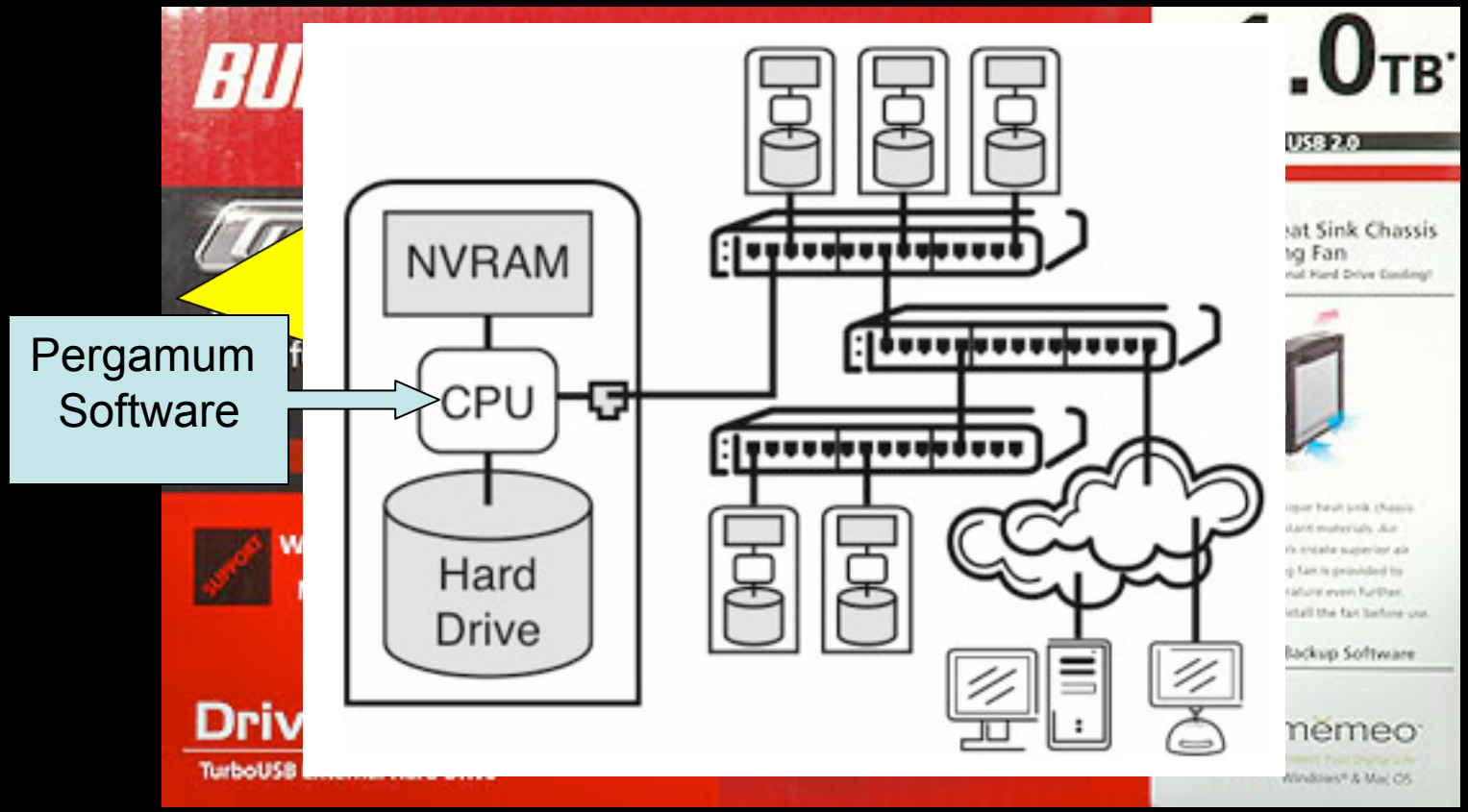
- MAID: Massive Array of Idle Discs



(A Few) Case Study findings

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- Today, the best digital motion picture preservation degree is from The School of Hard Knocks
- “Born Archival” is important, especially for large digital media collections
- Open source software has its challenges
- Implementing metadata standards is hard
- Film archive staff needs new skills
- It takes a village, and it’s expensive

The Report

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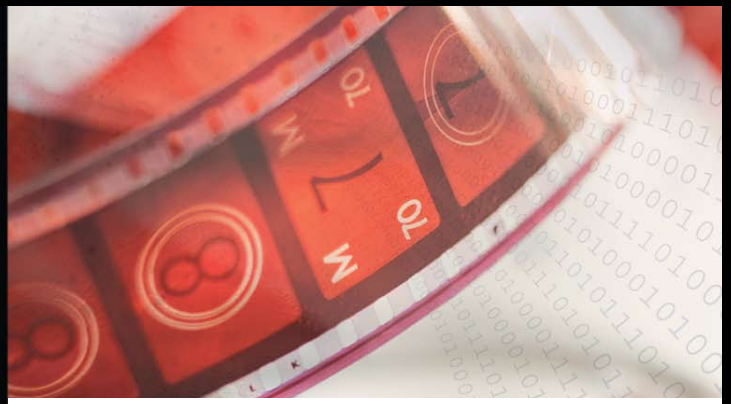

LONG TERM MANAGEMENT AND STORAGE OF DIGITAL MOTION PICTURE MATERIALS

A DIGITAL MOTION PICTURE ARCHIVE FRAMEWORK PROJECT CASE STUDY

Thank you!

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Academy of Motion Picture Arts & Sciences

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