Digital Art Storage and Infrastructure at MoMA
Media Conservation at MoMA
Born-digital acquisitions across the museum

~1,145
Analog video artworks digitized since 2011
60 TB mirrored between two geographically distributed locations

Currently accessed as network share.
By 2014? Mirrored data stores + snapshot backup + offsite LTO
DIGITAL REPOSITORY FOR MUSEUM COLLECTIONS
The Digital Repository for Museum Collections

MoMA team

External experts group

- Yale University
- NYU
- Bard Graduate Center, Decorative Arts, Design History, Material Culture
- Whitney
- Guggenheim
- Smithsonian Cooper-Hewitt, National Design Museum
- SFMOMA
- Tate
Assessing need...

- Security
- Auditable authenticity
- Preservation risk management
- Fixity checks
- Granular access control
- Versioning control for artworks
- Describe dependencies
- Facilitate secure delivery
- Automated ingest tools
- Standards based
- Co-exist with current MoMA applications
After rigorous needs assessment and RFP process...
Human auditable fixity checks across all data stores

- Production (spinning disk)
- Production mirror (spinning disk)
- De-duped backup (spinning disk)
- LTO library
DRMC Project Timeline

Phase 1A: Analysis, Workflows, Mockups
Phase 1B: Analysis and prototyping
Phase 2: Agile Development and user testing
Phase 3: Deployment, Optimization

RFP process

Experts meeting
System Debut at AIC 2014
Digital Art Storage and Infrastructure at MoMA

Thank you.