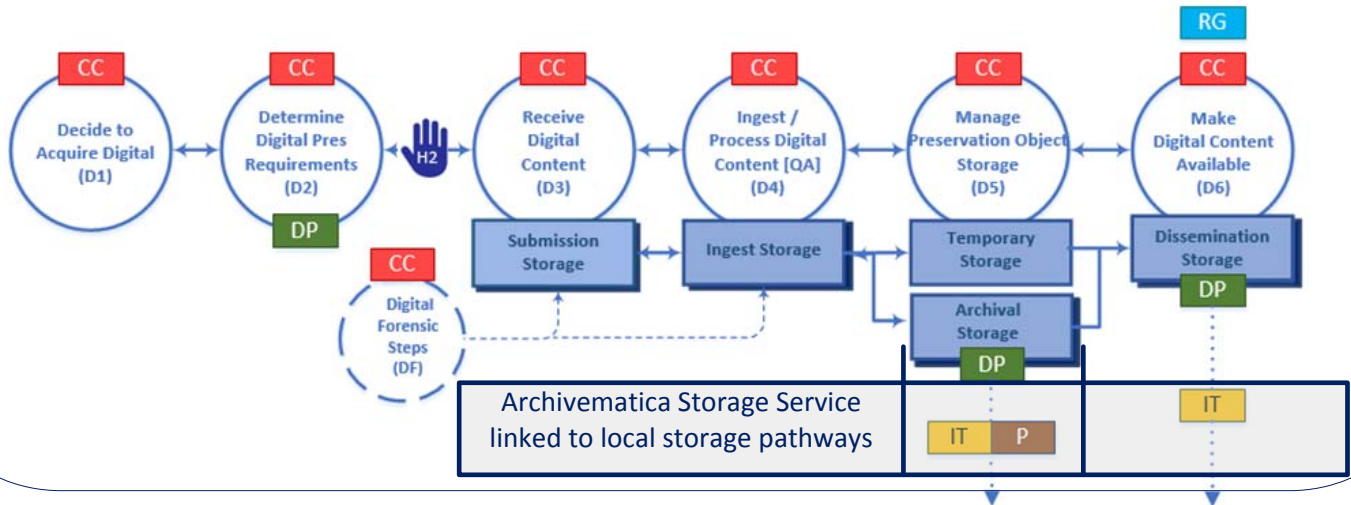


Comprehensive Digital Preservation Storage

Digital Preservation at MIT Libraries – May 2016 version for discussion

Managing Digital Content Workflow with Lifecycle Storage Pathway



over time ...

Digital Preservation Ecosystem Management Module

- Maintain and apply storage policies and rules (e.g., number and locations of preservation copies)
- Enable monitoring of preservation copies (e.g., replication of copies, error detection and response)
- Manage component integration (e.g., between components, services, partners, locations)
- Manage storage services (e.g., maintain agreements, assess performance, contribute to audit)

Locally-Managed Digital Preservation Storage

- Connect to Archival Storage in Archivemata Storage Service
- Maintain 2 online copies in 2 distinct places + complete current copy on tape
- Provide routine fixity checking on copies (error checking, notification, response)
- Storage monitoring and reporting (e.g., status, capacity, format types)

Storage Partner(s)

- Identify 1 or 2 peers/partners
- At least 1 in different zone
- Negotiate terms
- Iteratively sync content
- Monitor storage

Storage Services and Providers

- Review current provides
- Identify and fill gaps
- Maintain combination to meet needs
- Assess features, terms, role, costs
- Monitor and assess as options evolve
- Address confidential content requirements
- Contribute to community efforts