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Preserving Digital Oral Histories

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Preserving Digital Oral Histories

DOUG BOYD

Louie B. Nunn Center for Oral History

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Louie B. Nunn Center for Oral History

In 2008

- 6000 interviews
- Majority still analog

Louie B. Nunn Center for Oral History

In 2018

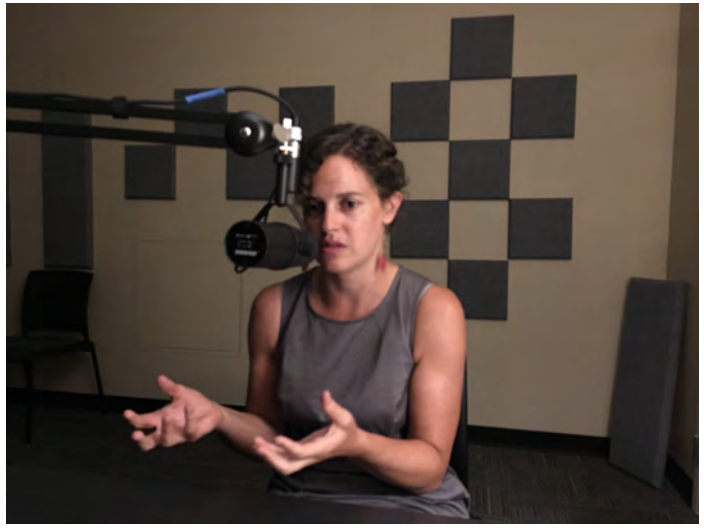
- 11,000+ interviews
- 100% digitized

Louie B. Nunn Center for Oral History

In 2017

- **36** concurrent **interviewing projects**
- **917 new interviews** accessioned in 2017
  - 733 Audio
  - 176 **Video**
- **116** interviews conducted in the Nunn Center **studio**

Audio AND Video



Challenges

- Storage
  - Rapid Growth
  - 100% digitized
  - Video

Audio AND Video

- Master
  AVCHD
  30 gb / hour

- Preservation Master
  Apple ProRes HQ
  100 gb / hour

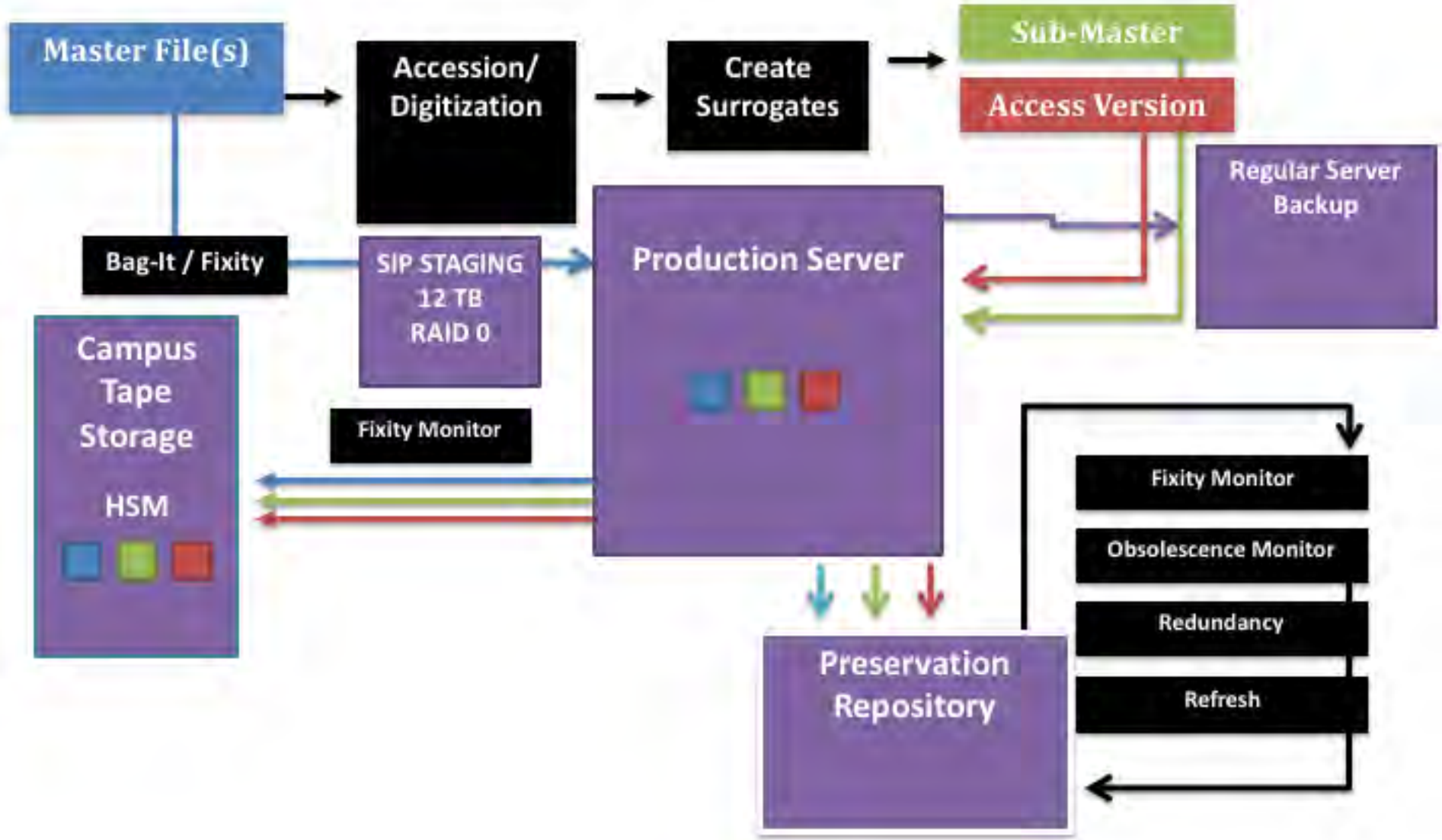
Audio AND Video

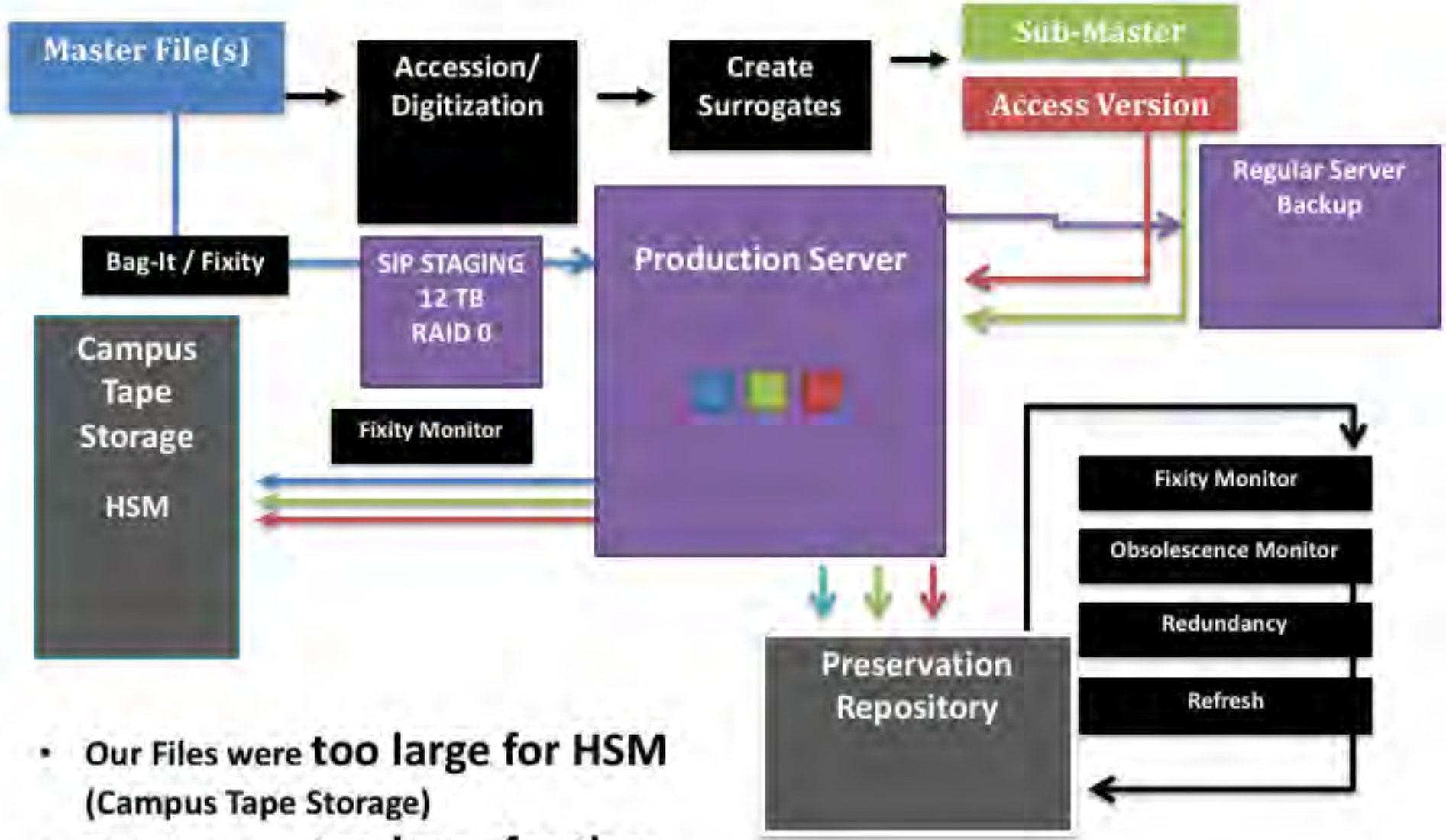
- SIP Size for 1 interview could be **250 gb**

Locations

- Storage
  - Servers
  - Preservation Repository
  - Campus Tape System (HSM)

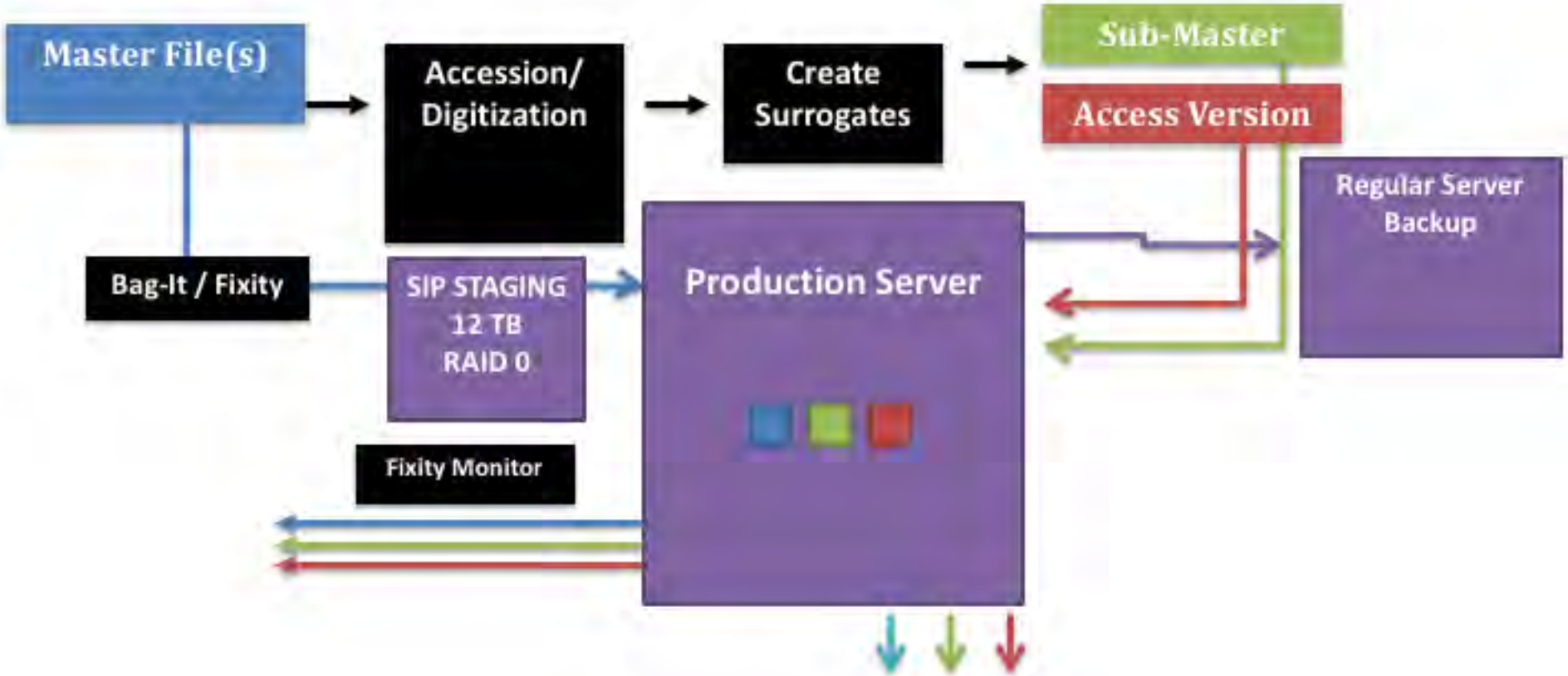
PRESERVING DIGITAL ORAL HISTORY

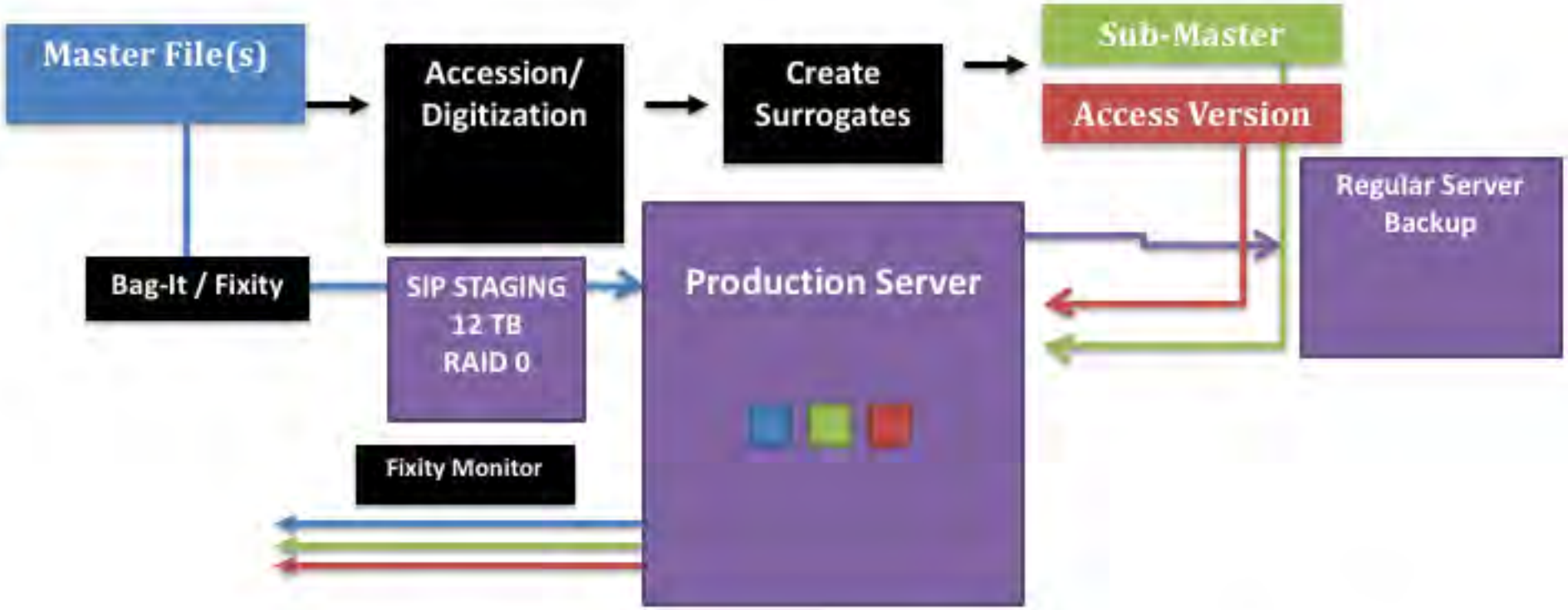




- Our Files were **too large for HSM** (Campus Tape Storage)
- Our Files were **too large for the Preservation Repository**

PRESERVING DIGITAL ORAL HISTORY

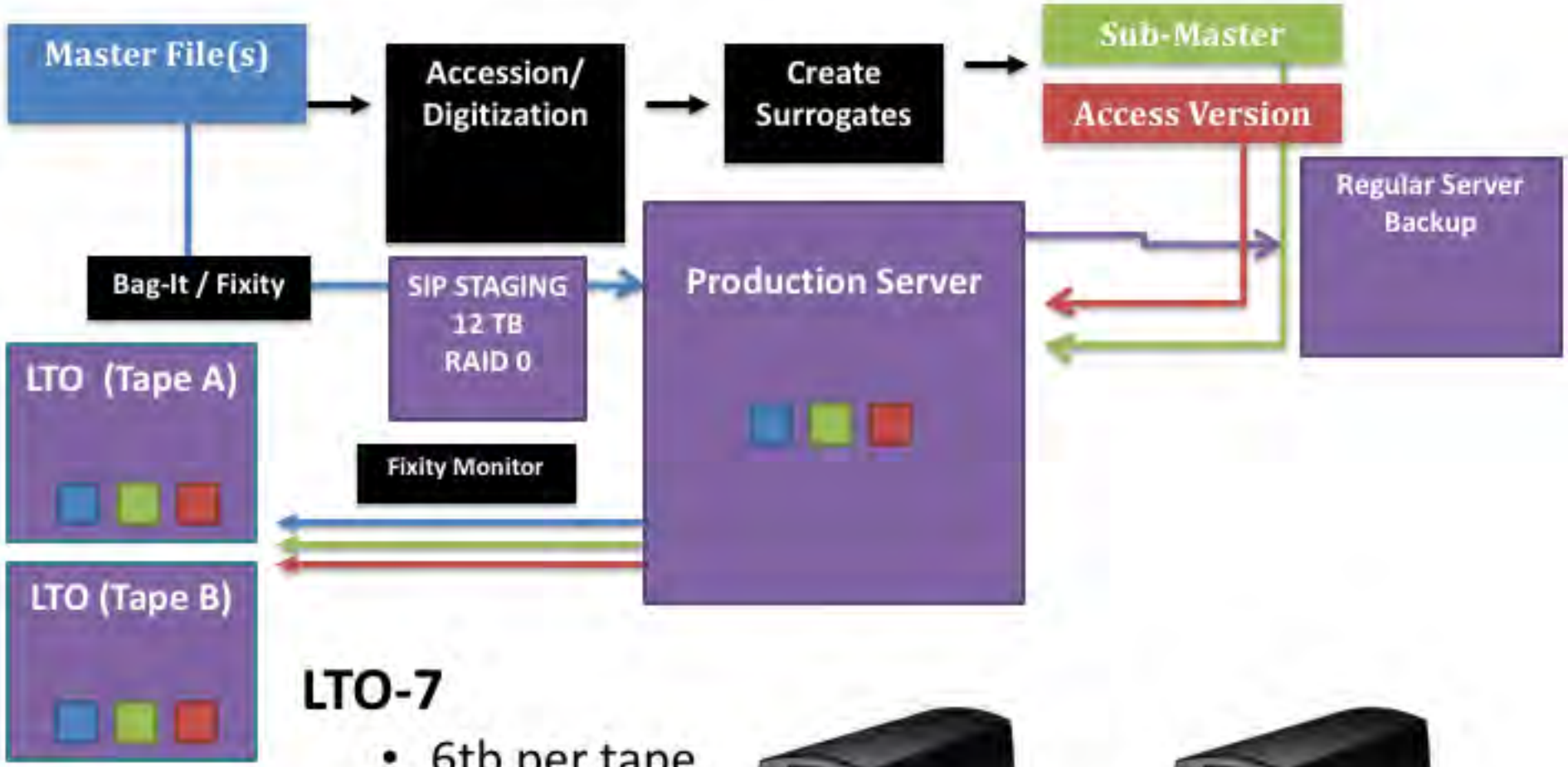




LTO-7

- 6tb per tape

PRESERVING DIGITAL ORAL HISTORY



LTO-7

- 6tb per tape

Louie B. Nunn Center for Oral History

LTO Tape Storage

- Snapshot of entire collection (2 sets as of 12/2017)
- Each new accession
- 2 Simultaneous Versions Created
  - 1 stored in archival storage
  - 1 stored offsite

Louie B. Nunn Center for Oral History

LTO Tape Storage

- Metadata: Tracking what & where
- Refresh schedule
- LTO-8 (obsolescence cycle)

Louie B. Nunn Center for Oral History

LTO Tape Storage

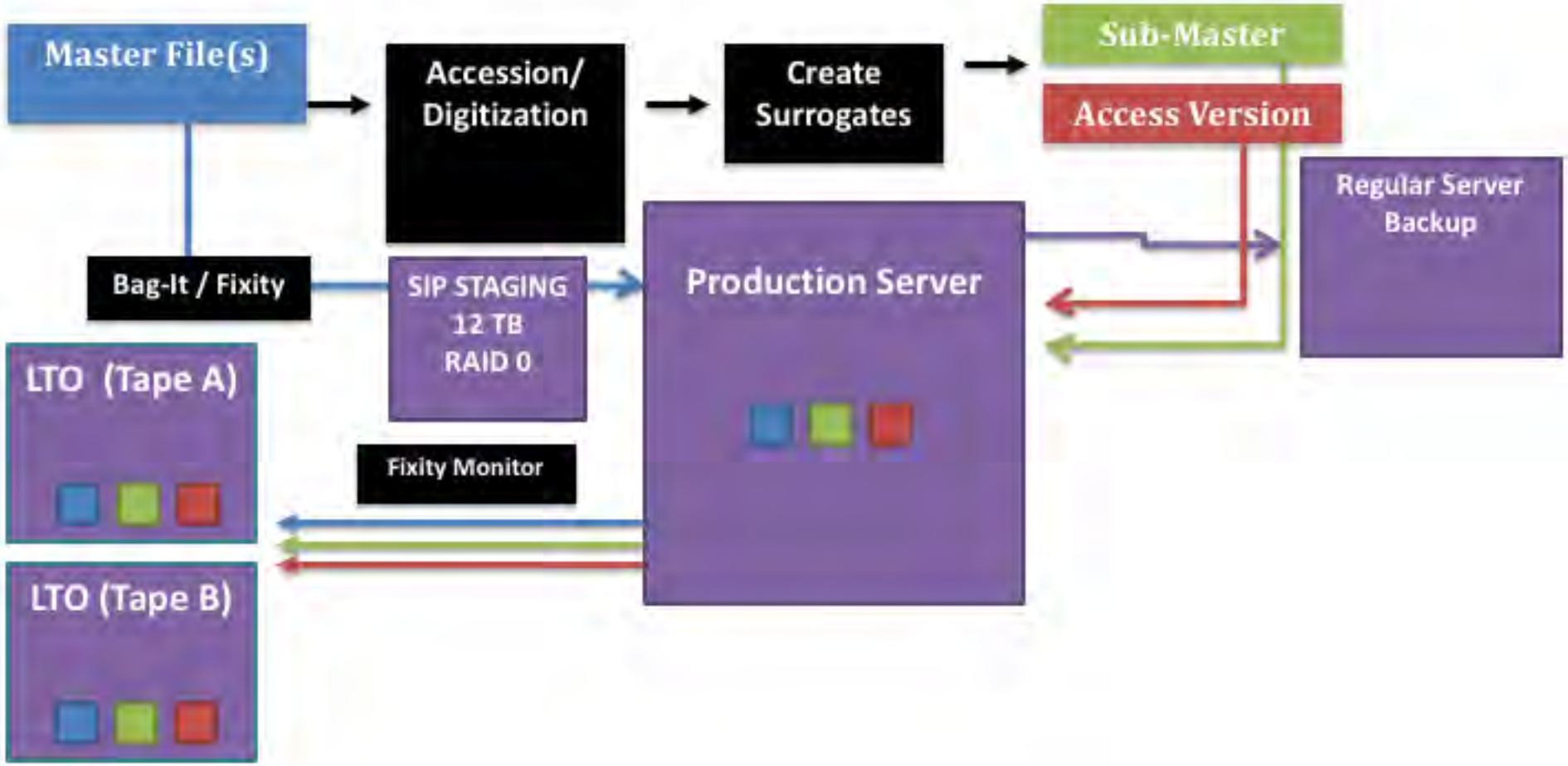
- Metadata: Tracking what & where
- Refresh schedule
- LTO-8 (obsolescence cycle)
- $150 / 6 TB x 2

Louie B. Nunn Center for Oral History

LTO Tape Storage

- Software
  - PreRollPost
    - ltfs
    - thunderbolt
    - inventory + exported csv
    - fixity
    - tapes *not* software dependent

PRESERVING DIGITAL ORAL HISTORY



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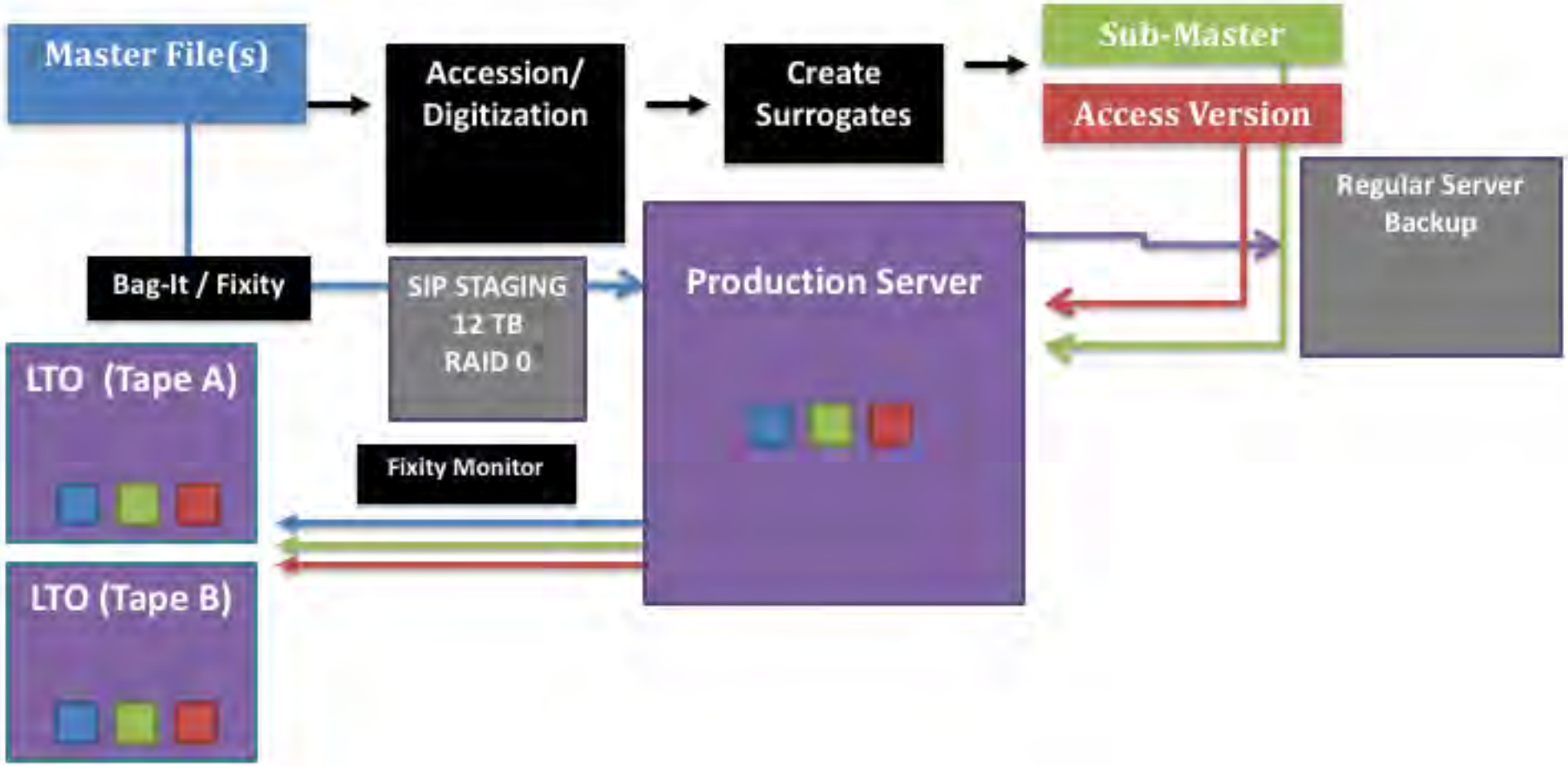
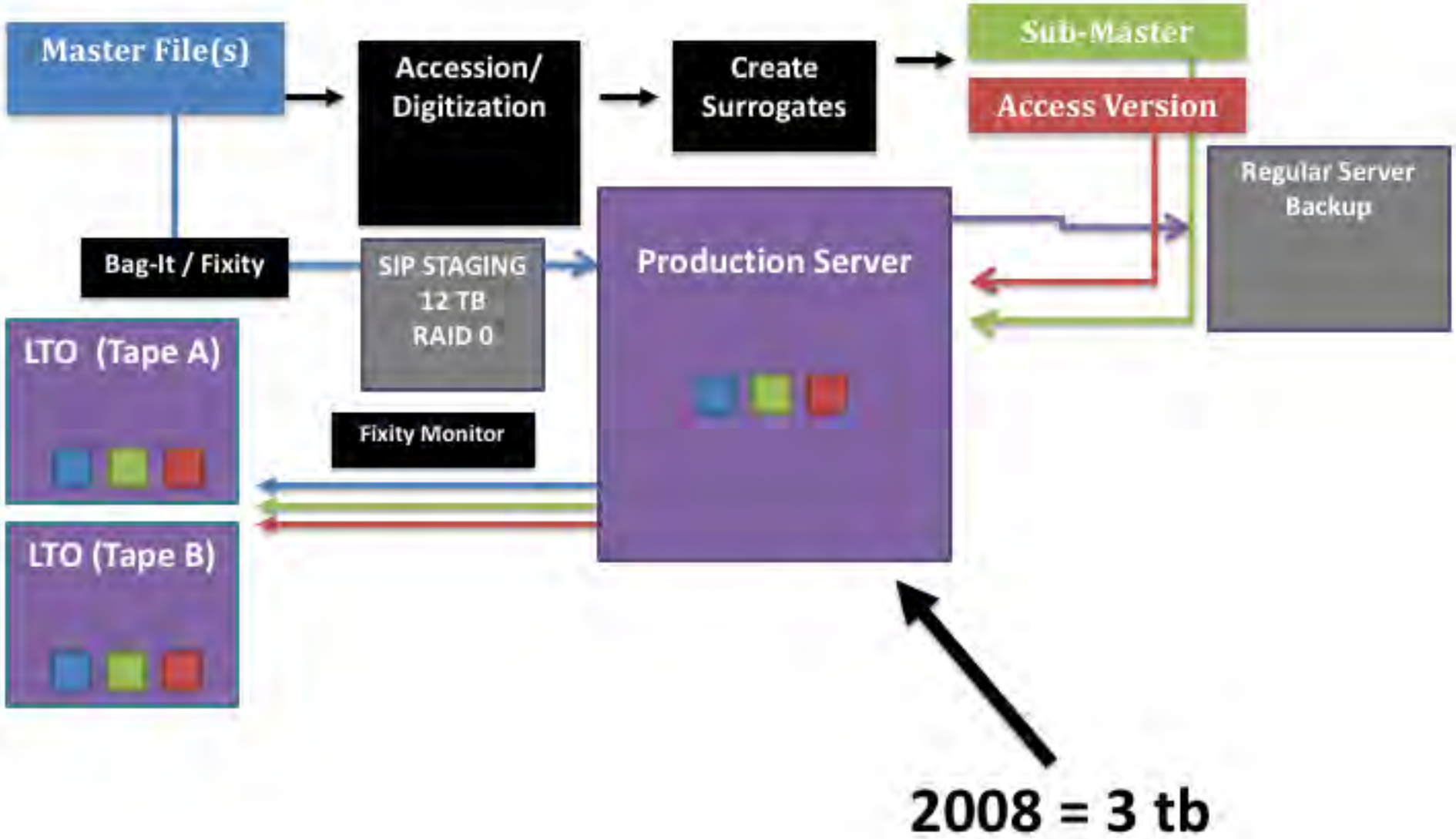
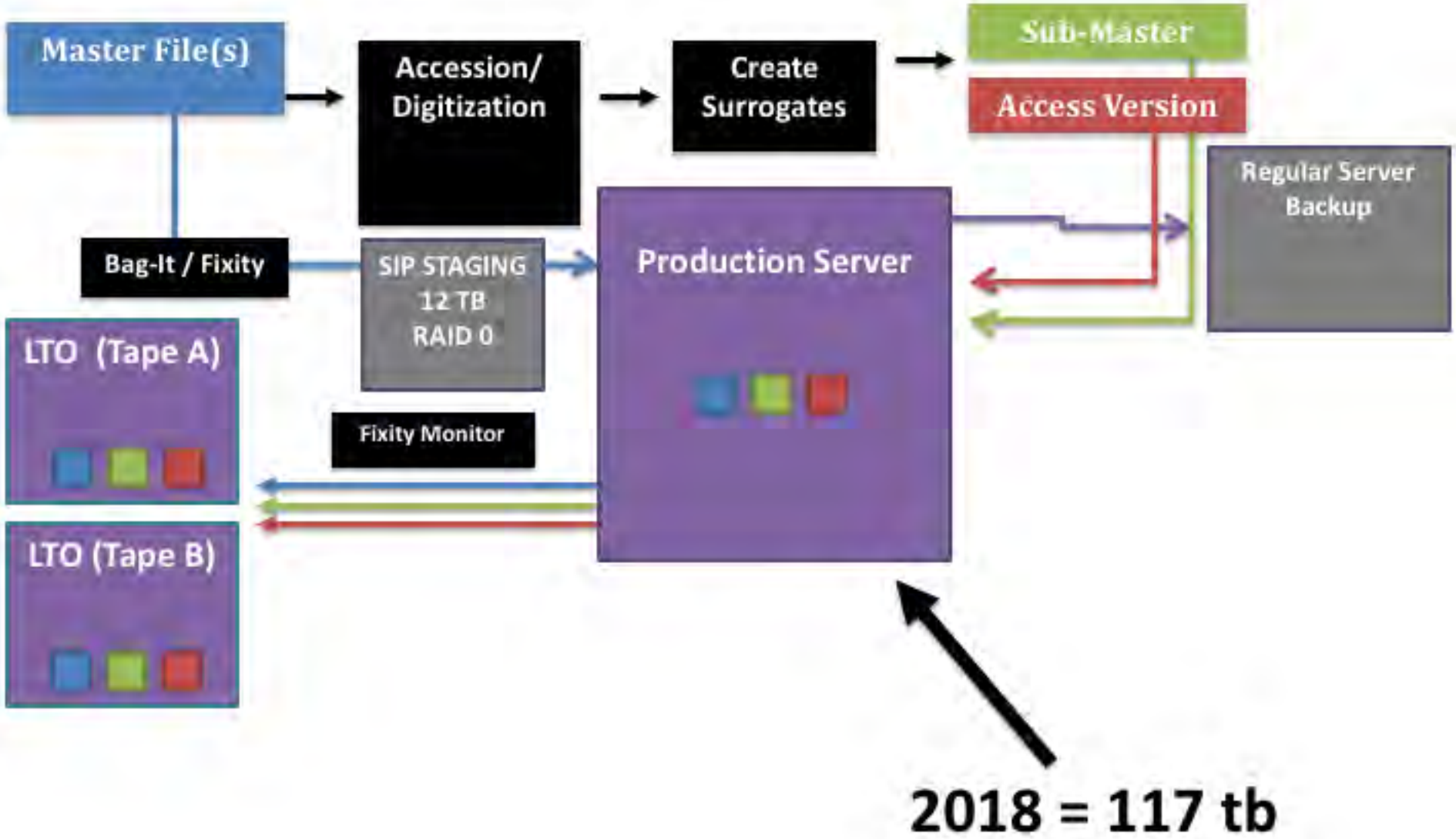



Master File(s)
Accession/ Digitization
Create Surrogates
Sub-Master
Access Version
Regular Server Backup
Bag-It / Fixity
SIP STAGING 12 TB RAID 0
Production Server
LTO (Tape A)
Fixity Monitor
LTO (Tape B)
2008 = 3 tb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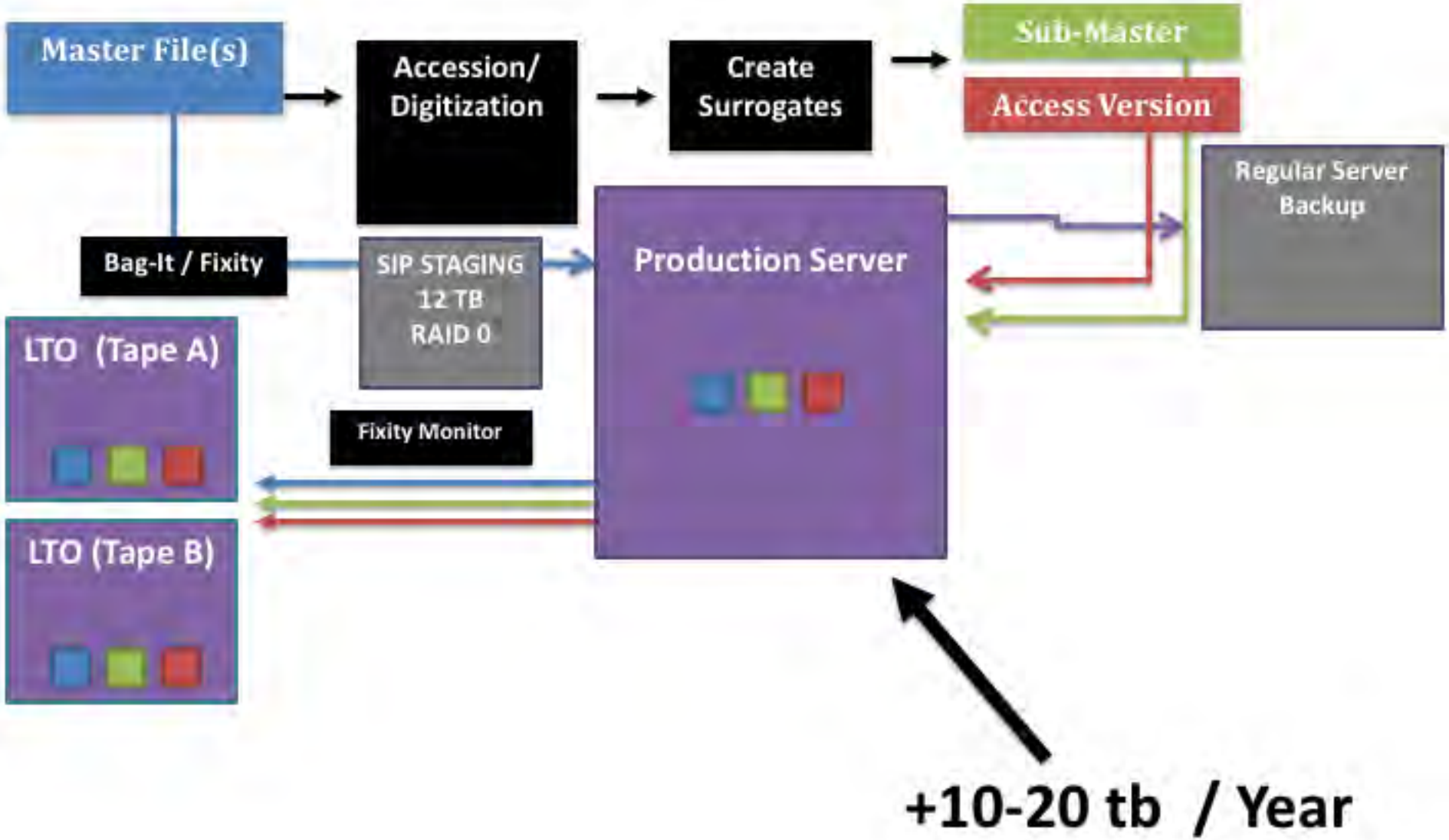
Fixity Monitor
LTO (Tape B)
2018 = 117 tb

PRESERVING DIGITAL ORAL HISTORY



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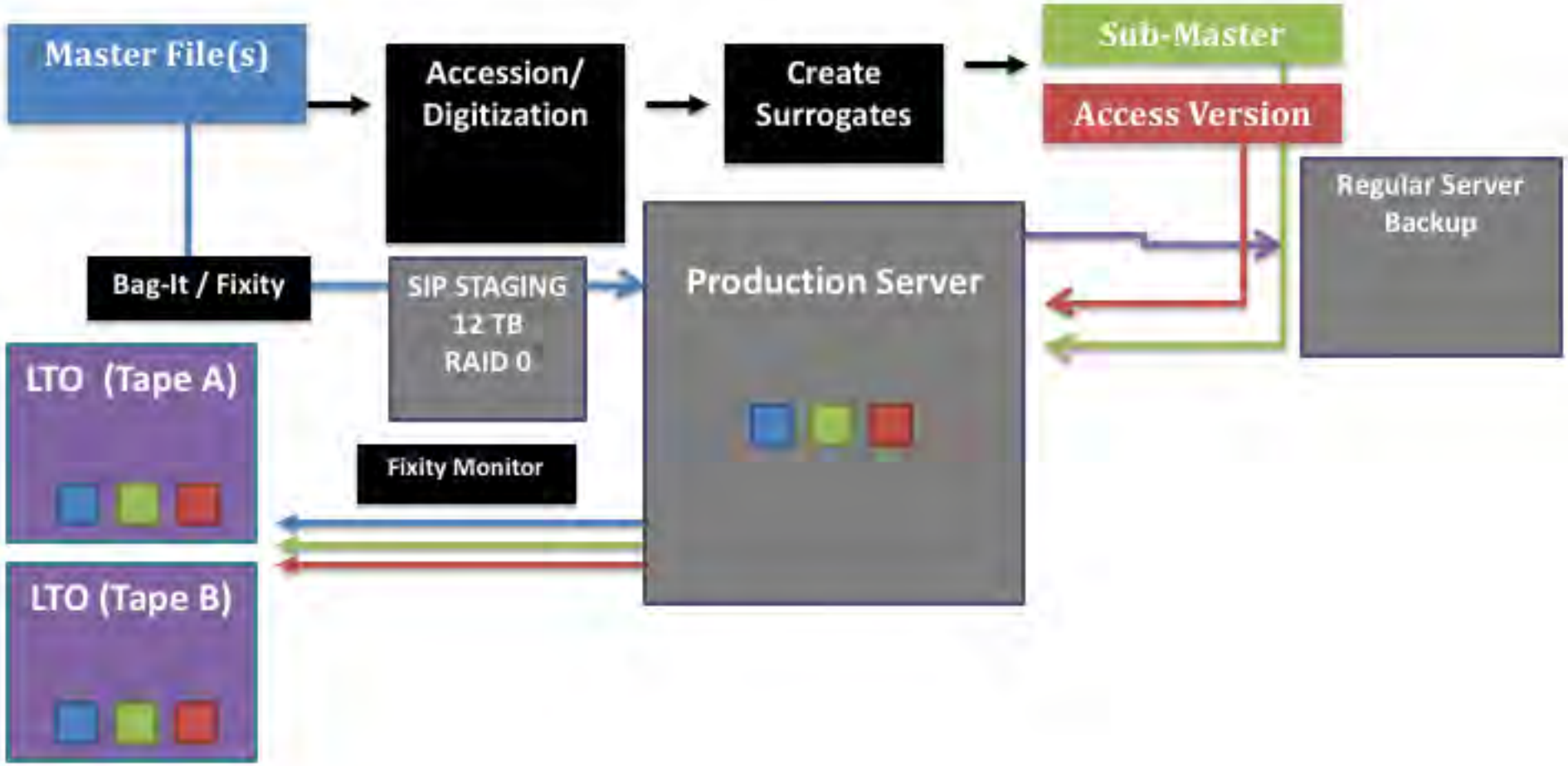

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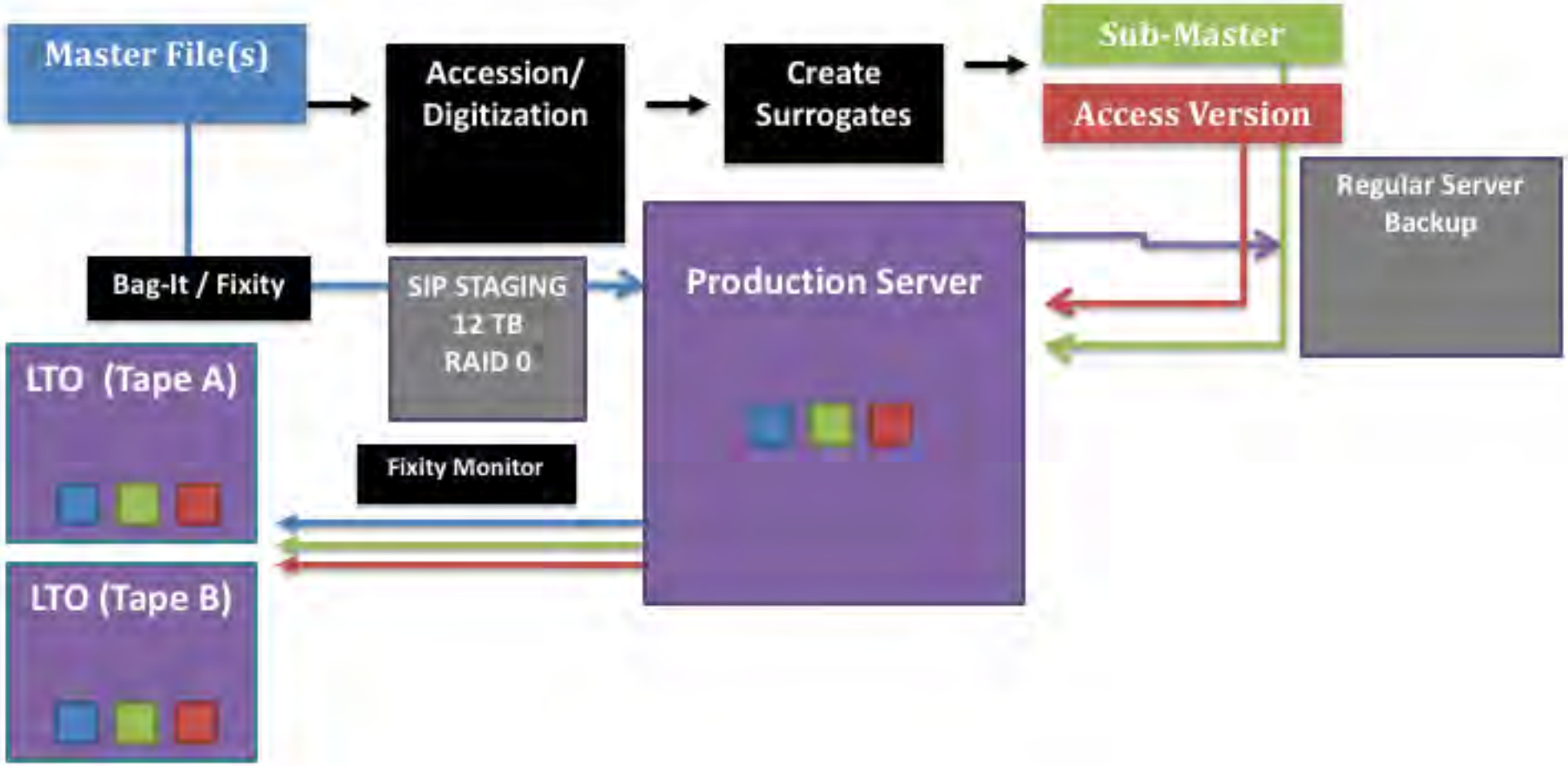

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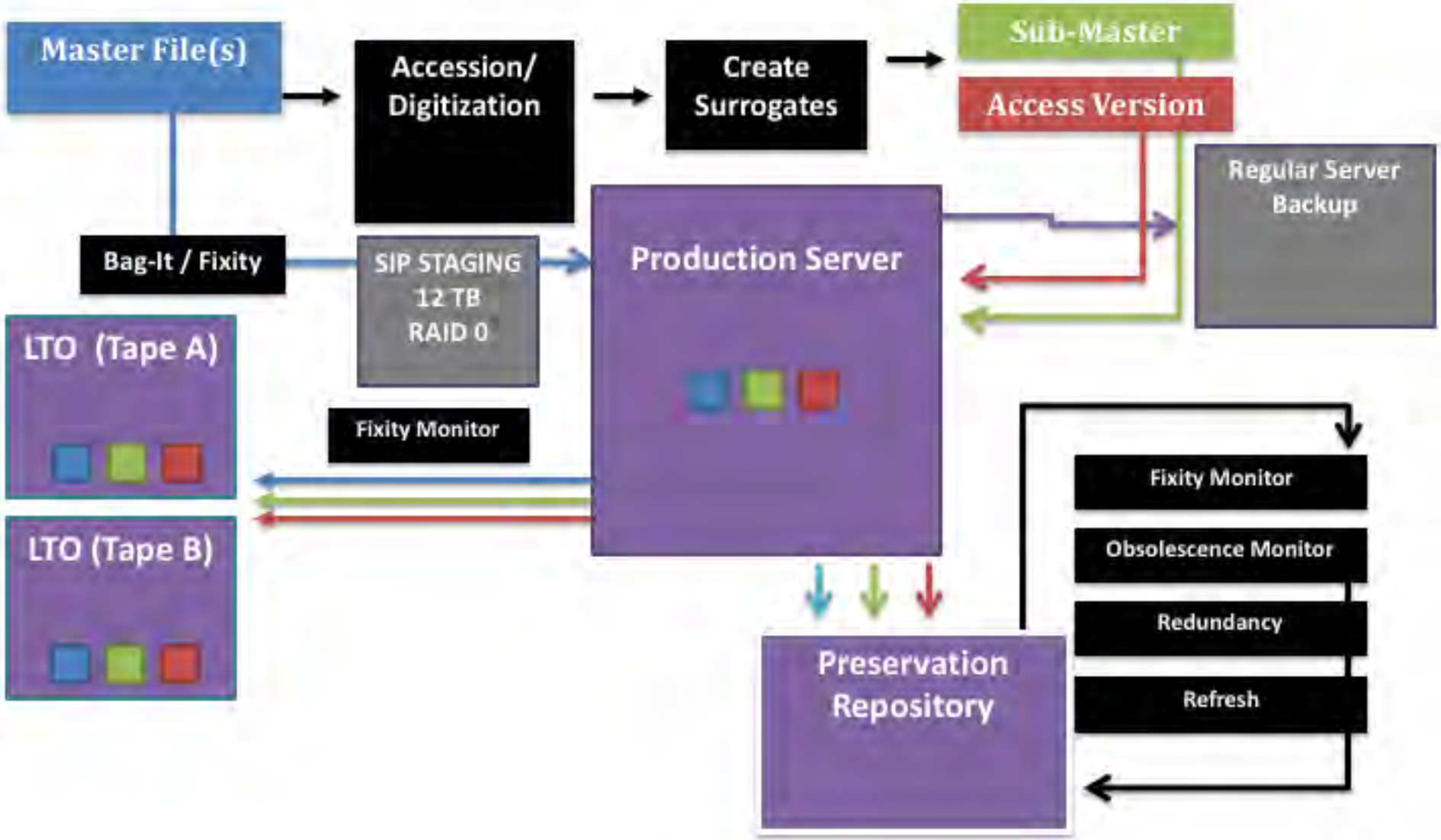

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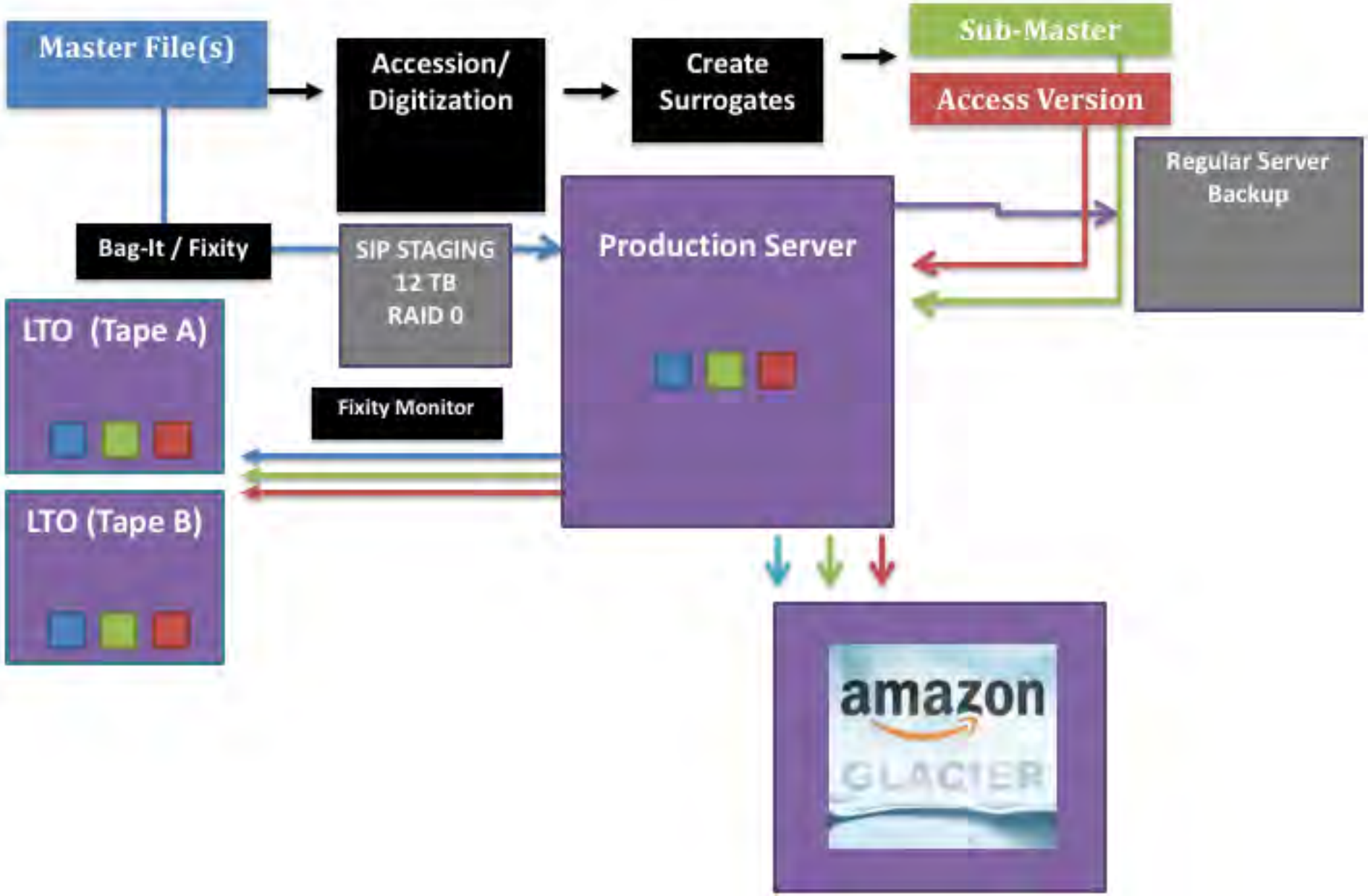

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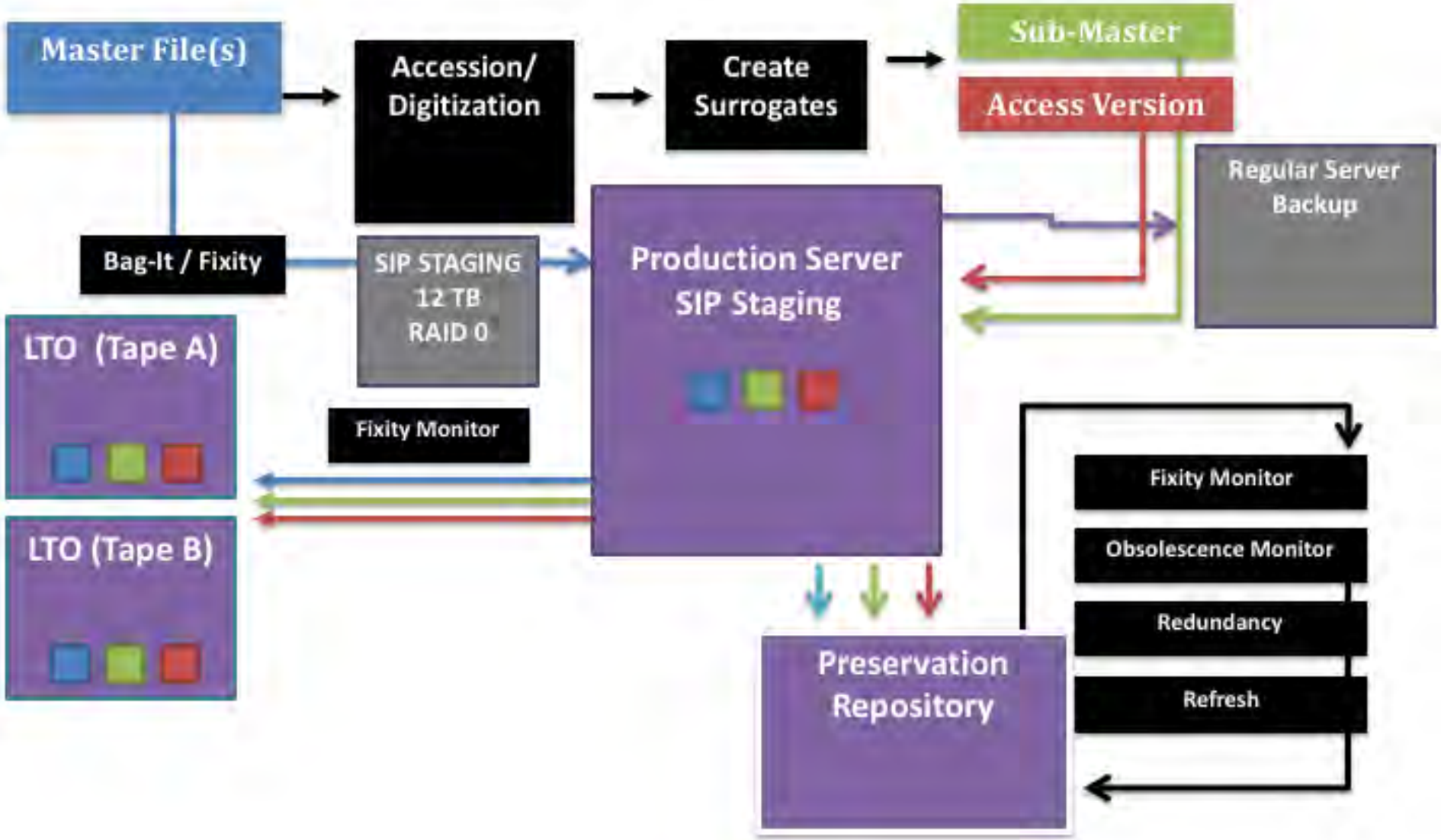

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