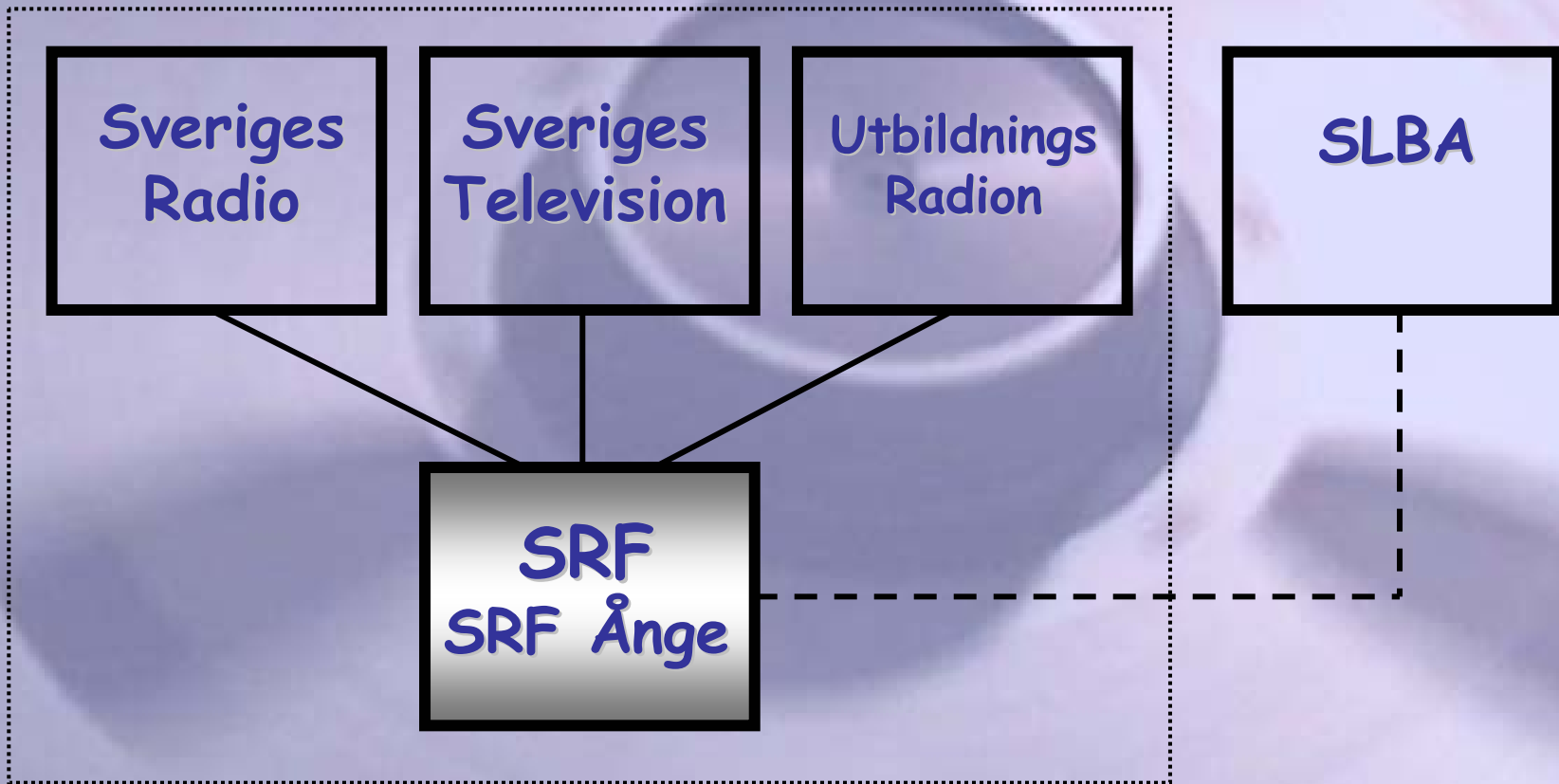




**BAAC Riga**  
September 21-24, 2006

# **Setting up a Migration Farm**

**Lasse Nilsson, SVT**





Ånge

Lasse Nilsson, SVT: Setting up a Migration Farm

BAAC Riga September 21-24, 2006

## Volumes to be migrated (hours)

	SVT	SLBA	UR	Sum
2-inch	8000			8000
1-inch SP	17500		1875	19735
1-inch LP		53000		53000
Umatic HB	4400			4400
Umatic LB	6500			6500
Betacam SP	30000		200	30200
Digital Beta	40000		4750	44750

# Storage volume

1 B	= 1 byte = 8 bits
1 kB	= 1 000 bytes
1 MB	= 1 000 000 bytes
1 GB	= 1 000 000 000 bytes
1 TB	= 1 000 000 000 000 bytes
1 PB	= 1 000 000 000 000 000 bytes

**SVT/UR storage = 2,4 PB**

## Time needed for migration (hours)

Formats	Tape time	VTR time
2-inch	8000	22187
1-inch SP	19735	69963
1-inch LP	53000	113638
Umatic HB	4400	4180
Umatic LB	6500	17000
Betacam SP	30200	44797
Digital Beta	44750	62252
Sum	166585	334116

= 209 man-years

# Select and Prioritize





## SVT Management Decisions 2005 I

- Retain all broadcast material
- Discard of production material
- Consultations with the SLBA
- **Discard of original tapes  
after migration**





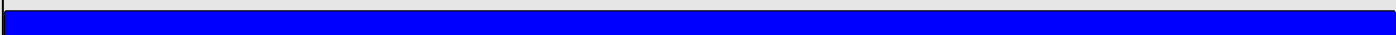

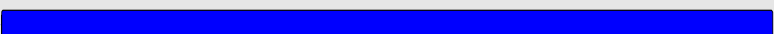





## SVT Management Decisions 2005 II

- Prioritize for three migration levels
  - A “rough” selection to produce statistics
- # 1: “Unique” SVT-productions of great re-use value.  
SVT holds all rights.  
“All” technical transfer efforts to secure the content
  - # 2: The bulk of SVT archives. Extensive rights.  
“Medium” technical transfer efforts required
  - # 3: Acquired material /sports/ part rights, quizzes, etc.  
One try to transfer



# Selection & Prioritizing Routines...

# Today Migration plan Ånge

Task Name	Start	Finish	2006			2007				2008				2009				2010				2011				
			jun	jul	okt	jan	apr	jun	jul	okt	jan	feb	apr	jun	jul	okt	jan	apr	jun	jul	okt	jan	apr	jun	jul	okt
1 2-tum	2006-05-29	2010-11-30																								
2 1-tum SP - 1	2006-10-02	2007-03-30																								
3 1-tum SP - 2	2007-04-02	2009-09-30																								
4 1-tum LP	2006-10-02	2015-09-01																								
5 U-matic HB	2008-02-01	2008-10-03																								
6 U-matic LB	2006-10-02	2008-01-31																								
7 Beta SP	2007-04-02	2008-09-01																								
8 Digibeta	2008-09-02	2011-02-02																								



Part 1



Part 2



Project end

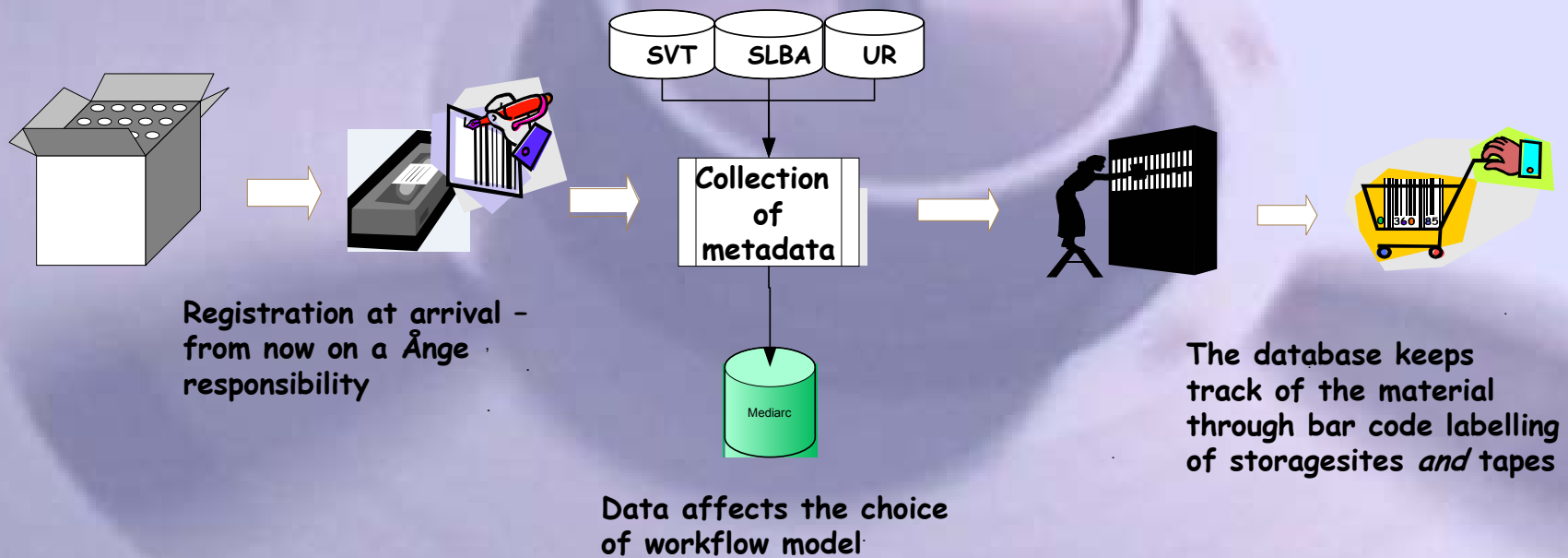
# Workflow

- Selection/prioritizing
- ID-labelling
- Packaging
- Transportation Stockholm-Ånge

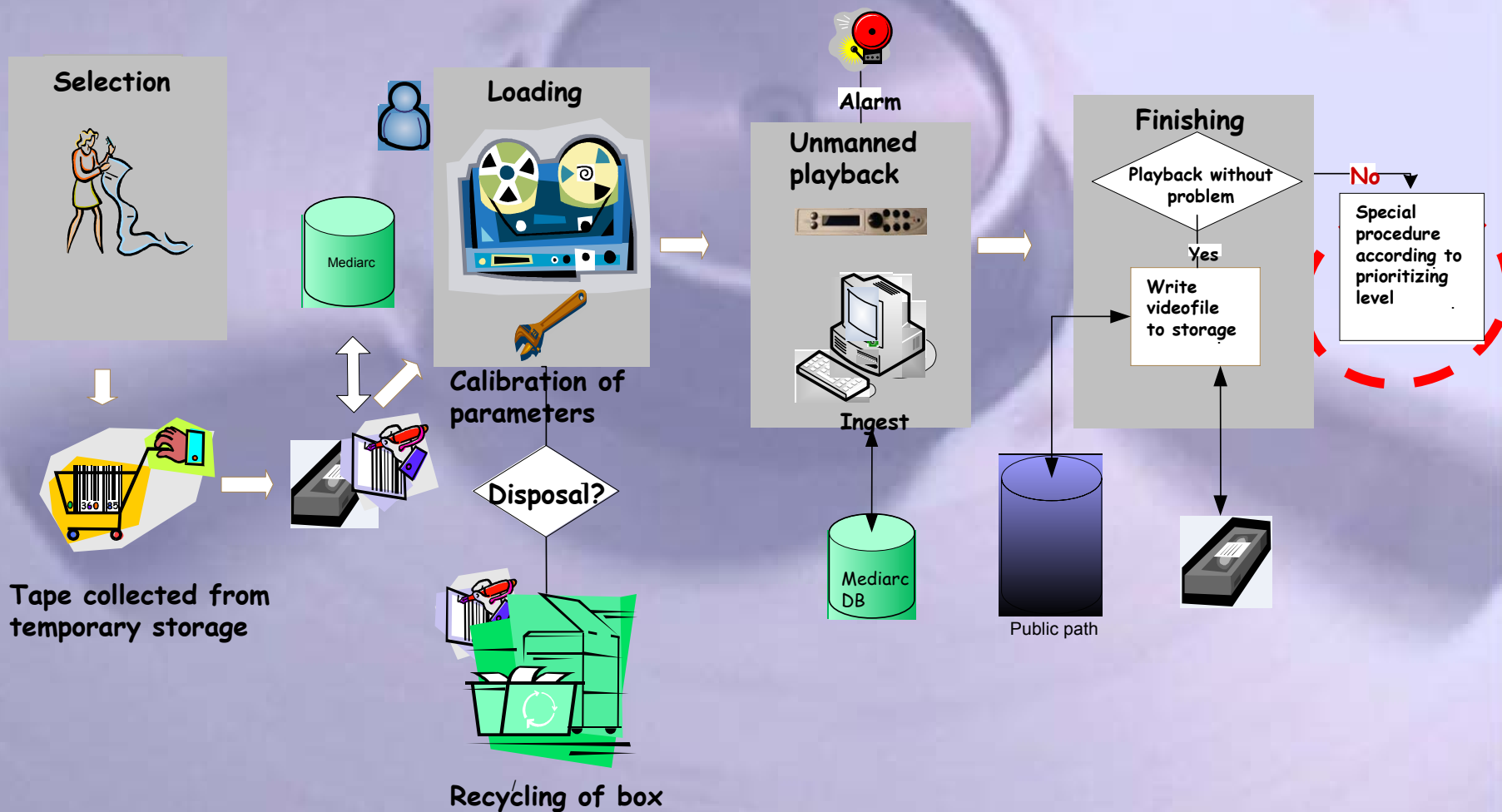


- 
- Reception, registration
  - Preparation, cleaning, baking
  - Playback
  - QC
  - Digitization
  - QC
  - Buffering
  - Distribution of files, Ånge - Stockholm
  - Storing
  - Final QC
  - Environmental friendly disposal of tapes/  
returning tapes to Stockholm (UR & SLBA)

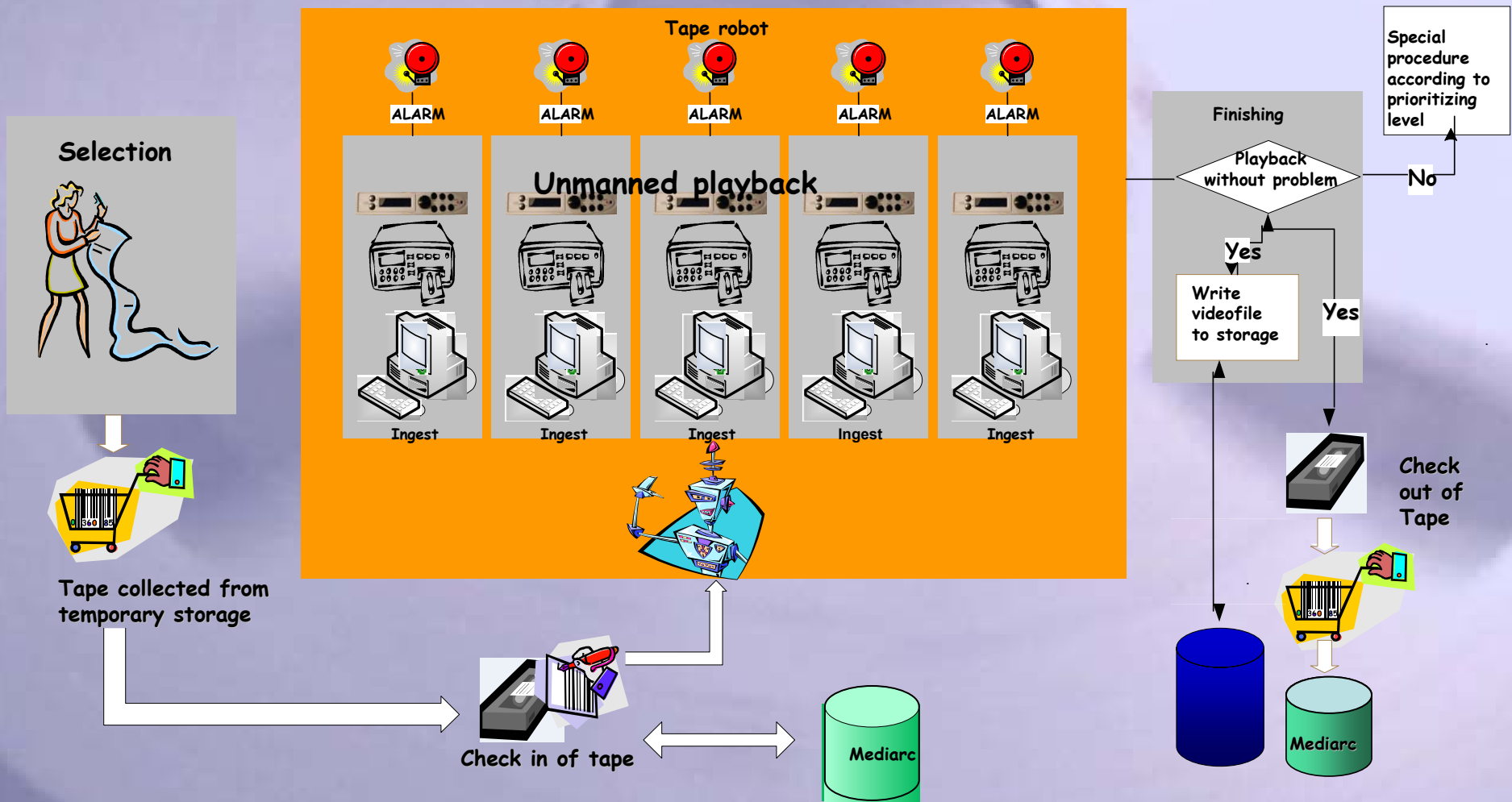
# Workflow: Reception-Registration



# Workflow: Order/Loading/Digitization



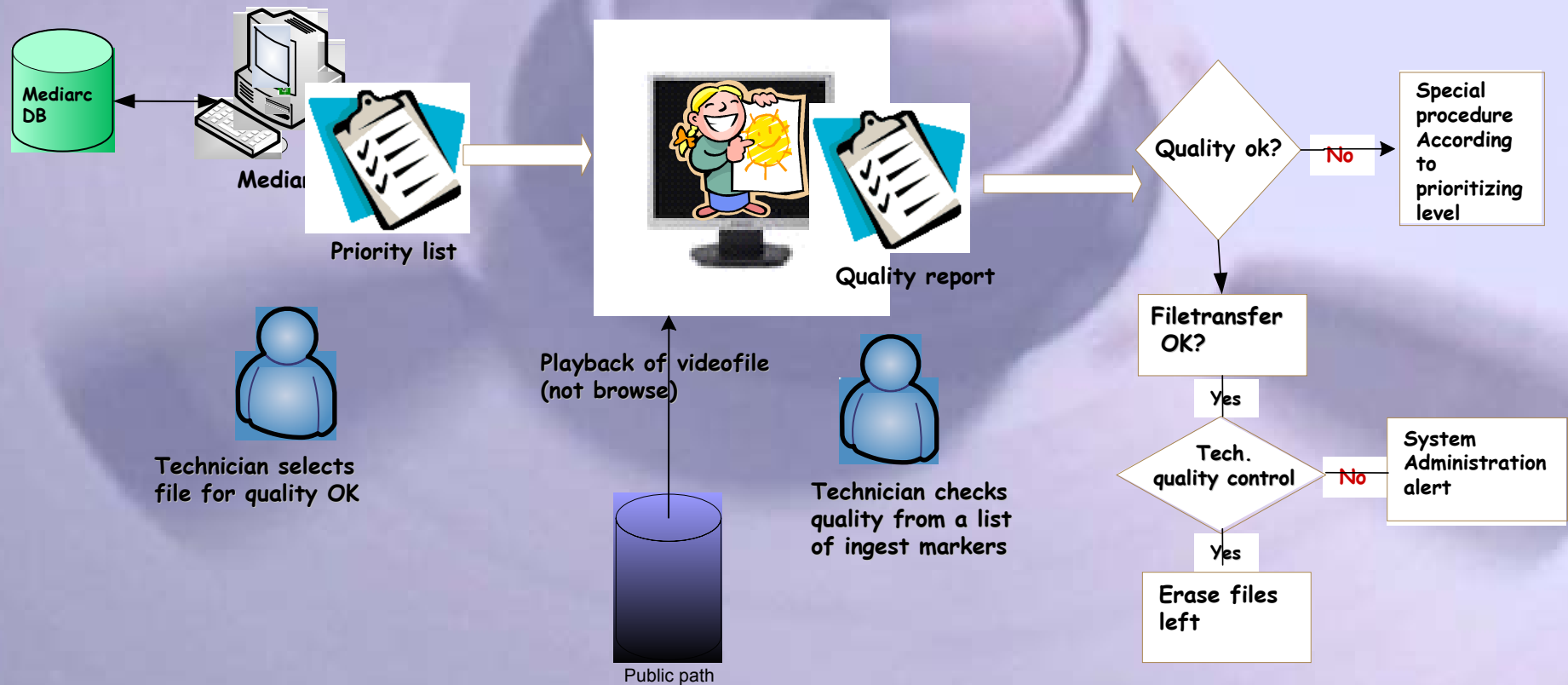
# Workflow: Automated Ingest



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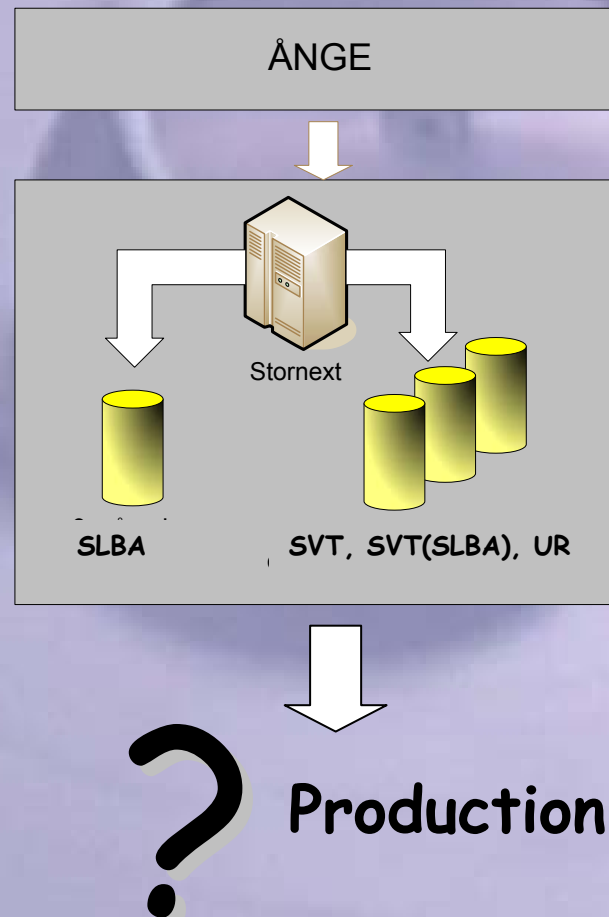
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# Workflow: Quality control





# Workflow: Storage & Retrieval





**Price tag?**



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**Thank you!**