## COMELLUS

## A STEP TOWARDS DIGITAL NEWSPAPER DEPOSITION









## Background

- Digitisation from microfilm is laborious
- Modern newspaper printing solutions utilise digital printing plates
- Solution: Store the digital printing plates



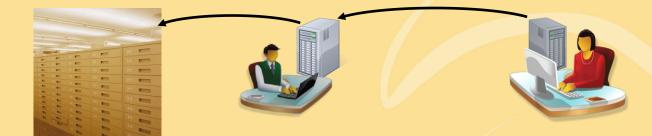






## Goals

- Automatic deposition of the digital printing plates and associated metadata
- Reception and quality assurance
- Long-term preservation (analog & digital)
- Maximal utilisation of the deposited material









## **Why Digital Deposition?**



Why digitise e-born files from paper prints?

Long-term preservation also for the digital version and metadata





Leverage from

New efficient and innovative ways to handle deposited newspapers



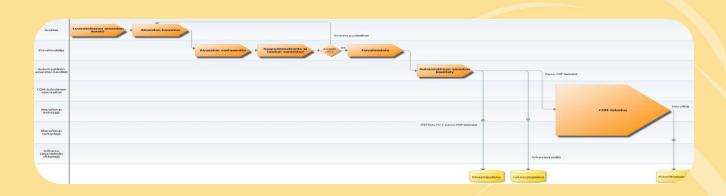






## Digital Newspaper Process in a Nutshell

- Automatic delivery and reception of newspapers
- Digital semi-automatic pre-processing of depositions
- COM-printing instead of traditional microfilming
- Automatic packaging for long term preservation
- Online access to deposited material after "embargo"









# Benefits of Collecting Metadata in Addition to Plain Page "Images"

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- Additional descriptive and structural information on the physical pages
- Avoidance of manual scanning, OCR and article structure reconstruction
- Deposited material ready for online access without manual work







## **Attracting Publishers**

Metadata expertise and exchange

Long-term storage solutions "News archive"

#### **The National Digital Library**









#### **Interwoven and Expanding Collaborations**

#### KOPIOSTO

FINNISH NEWSPAPER ASSOCIATION

NATIONAL & REGIONAL NEWSPAPERS

#### **COMELLUS PARTNERS**



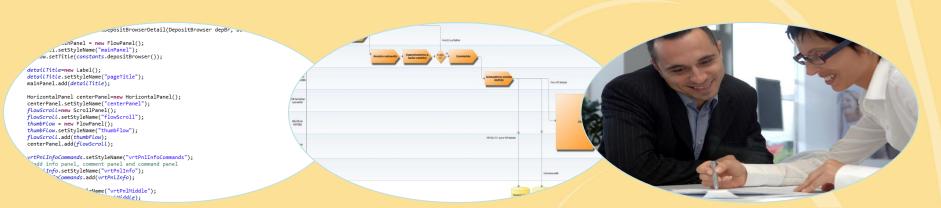




## Work to Do

#### Software for

- Automatic metadata collection and delivery
- Reception and handling of the deposits
- Processes for the utilisation of the deposited data
- Contracts

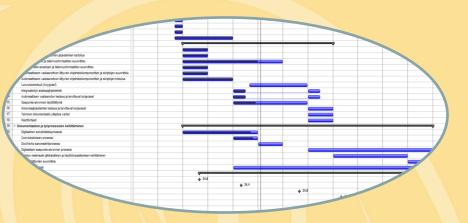








## Where Are We Now?



- System architecture planned
- New digital newspaper process planned and documented
- Large part of the required software development work done
- Initial testing of digital deposition done with encouraging results







#### What Next?

- Fine-tune and test
- Fix found problems
- Fine-tune internal processes
  - Reception
  - Quality assurance
  - COM-printing
  - Digital long-term preservation
- Sign contracts

Leverage from







## **Funding & Partners**

- The European Social Fund (ESR)
- The South Savo Centre for Economic
  Development, Transport and the Environment
- The City of Mikkeli
- The National Library of Finland
- Etelä-Savon Viestintä Oy
- Esan Kirjapaino Oy

Leverage from





## **Thank You**



## **Time for questions!**

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