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European integration: conditions and challenges for libraries, 3 au 7 juillet 2007  
36<sup>e</sup> congrès LIBER

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### **New Developments at Preservation Technologies**

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Preservation Technologies B.V. – The Netherlands

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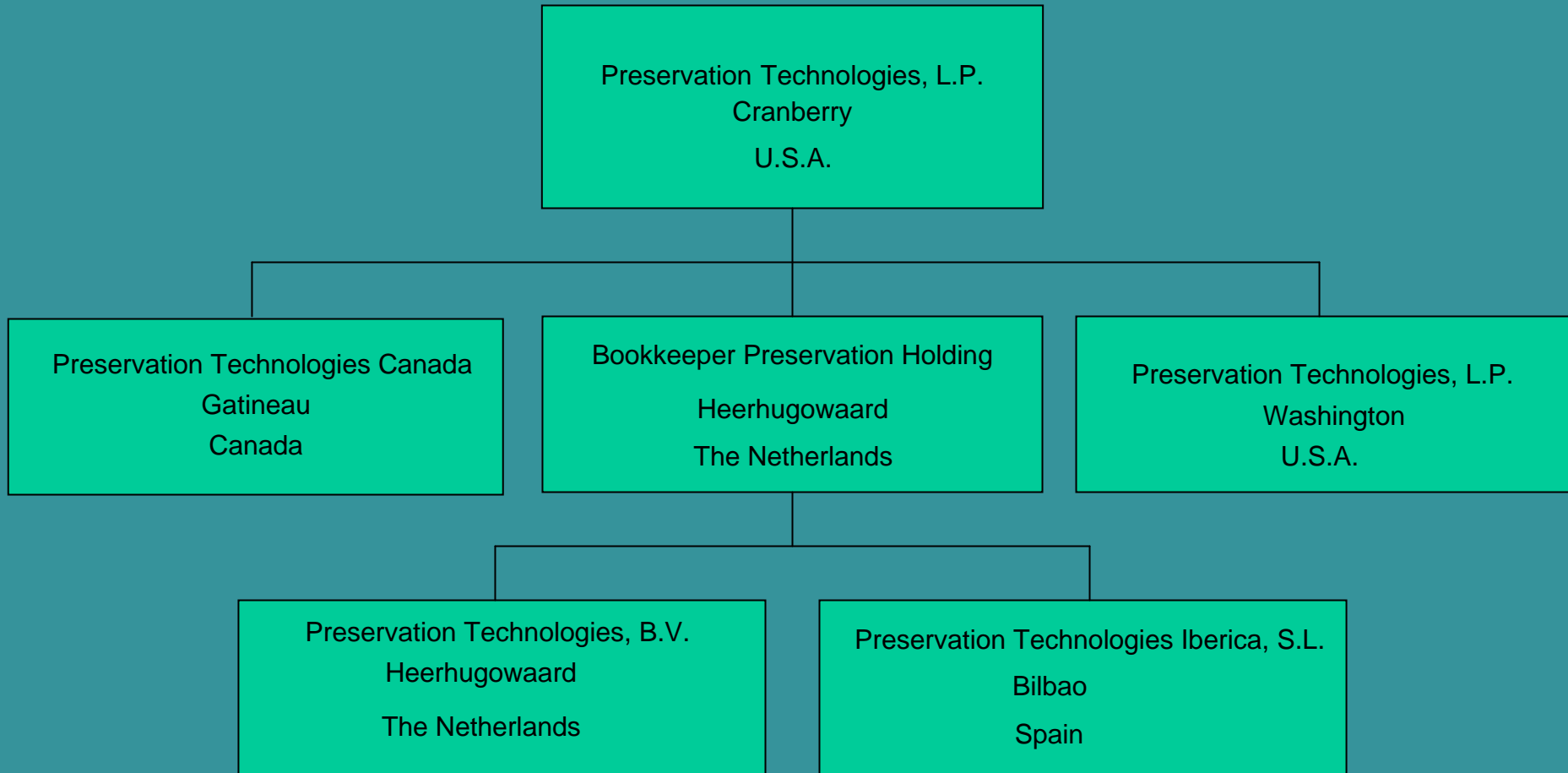
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# New Developments at Preservation Technologies

John van Dorsten

Preservation Technologies B.V.  
The Netherlands

# Companies Preservation Technologies



# Company Background

1992 - The company is founded to develop and market the Bookkeeper Technology.

1993 - Testing of mass treatment begins for the Library of Congress in Washington and other customers

1994 - The first mass treatment system is placed into operation. Testing for LOC completed

1997 - A licensee operation (Archimascon B.V.) is established in The Netherlands

2001 - Archimascon is converted to a wholly owned subsidiary and renamed Preservation Technologies, B.V.

2002 - PTLP starts an on site manuscript operation at the Library of Congress.

2004 - A new treating facility starts operation in Gatineau, Quebec Province (Ottawa) Canada

2007 - Building a new facility in Bilbao Spain

# More Bookkeeper operating locations in Europe

**Cracow** : Library of the Jagiellonian University

**Warsaw** : National Library of Poland

# Other serious projects for plants

Japan  
(2007/2008)

South Africa  
(2008)

Other European countries  
(2008/2009)

# Technology - based Solutions

Preservation Technologies is focused on bringing technology- based solutions to important cultural collections worldwide

1. Deacidification of paper based materials
2. Preserving Audio and Video information
3. Freeze drying wet material

**NEW !**

# Bookkeeper Deacidification

The Bookkeeper Deacidification Process

neutralizes harmful acids and

greatly extends the lifespan of

books and documents



# Bookkeeper Deacidification

Accelerated aging tests have demonstrated that treated paper will have a life expectancy of a minimum of three to five times longer than not treated paper

# Vertical treater and dryers for books

PTLP Cranberry U.S.A.



# HOLDERS FOR BOOKS



# Horizontal treater and dryers for manuscripts

PTLP Cranberry U.S.A.



# Crates and Cassettes for Loose Archival material



# Horizontal and vertical treater and dryers

Jagiellonian University Cracow Poland



Six vertical treaters for books and one horizontal

Biblioteka Narodowa Warsaw Poland



# Books in 4-books holder

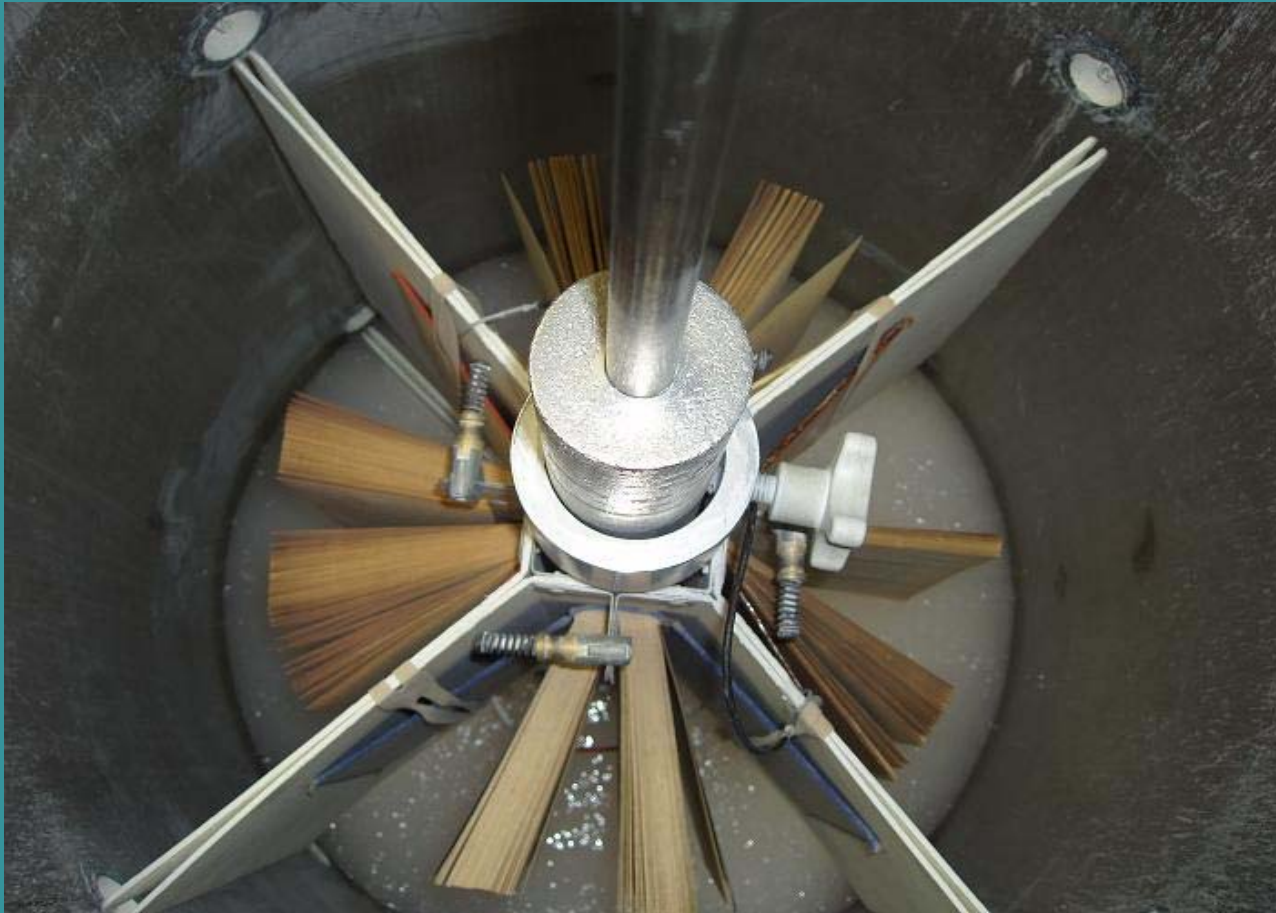
PTBV Heerhugowaard The Netherlands





# Deacidification fluid entering the treater

PTBV Heerhugowaard The Netherlands



# Books partly submerged

PTBV Heerhugowaard The Netherlands



More fluid entering the treater

PTBV Heerhugowaard The Netherlands



Pages start to open

PTBV Heerhugowaard The Netherlands



Pages almost fully open

PTBV Heerhugowaard The Netherlands



# Books fully submerged

PTBV Heerhugowaard The Netherlands



# Process Tour



Preserving Audio & Video Information

**NEW !**

**The Media Preserve**

(A division of Preservation Technologies, L.P.)







# Preserving Audio & Video Information

# Preserving Audio & Video Information

PRESERVATION TECHNOLOGIES, L.P.

The MediaPreserve<sup>SM</sup>  
An Audio Visual Laboratory



[www.themediapreserve.com](http://www.themediapreserve.com)

# Preserving Audio & Video Information



# Preserving Audio & Video Information



*a division of:*

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# Freeze drying

To avoid

Running inks

Formation of moulds

# Freeze drying

To dry paper based material

After a fire



# Freeze drying

To dry paper based material

After a Flood



# Freeze drying

To dry paper based material

After technical problems





# Freeze drying



# Consumer Products

## Bookkeeper Spray Products



# Consumer Products

## Abbey pH pen



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or visit our website :

[www.ptlp.com](http://www.ptlp.com)

# Preservation Technologies

Thank you very much  
for your attention