





Digital Preservation Cost Myths and Sustainability Explored

Jon Tilbury CEO, Preservica Pauline Sinclair, Consultant, Preservica Martin Springell, Product Manager, Preservica Adrian Brown, Director, Parliamentary Archives



Welcome and agenda

14:00 - 14:05	Introduction
14:05 – 15:20	Part 1 – Challenging Digital Preservation Cost Myths Part 2 – Getting Started
15:20 15:45	Introduction to Digital Preservation Awards Finalists Tea & Coffee
16:15 -17:30	Part 3 – Ensuring Sustainability Part 4 – Experiences of the UK Parliamentary Archives

Introduction to Preservica

- Washington, US & Oxford, UK a subsidiary of Tessella
- 10+ years expertise in digital preservation
- Proactive contributor to DP research and standards
- Open Archival Information System (OAIS) compliant
- On premise/hybrid and cloud hosted editions
- Trusted by pan-national, national, state, university and business archives and libraries across 4 continents



Preservica: World Leading Digital Preservation

National & Pan-National



UK National Archives





European Commission







Dutch National Archives

Swiss Federal Archives

Austrian Archives



National Archives of Hungary





Latvian National Archives Finnish National



Estonian National Archives

Libraries, Museums & Education



























HSBC (X)

Corporate Archives



University College London





Archives













Budapest City Archive



UK Met Office



Dorset

UK Parliament







State & Government

Business & Corporate

Part 1

Challenging Digital Preservation Cost Myths





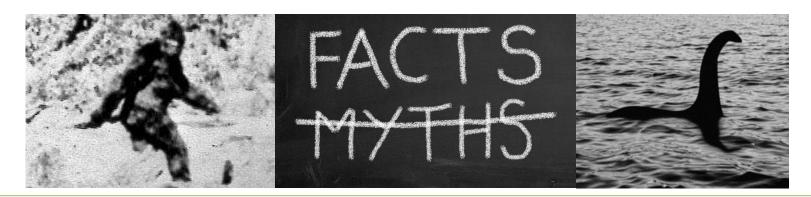
Cost Myths

Technology myths

- 1: Automation is expensive
- 2: Processing power is expensive
- 3: Storage is cheap
- 4: It's expensive (and hard) to get started

Commercial myths

- 5: Free software and tools are free forever
- 6: Commercial products are expensive





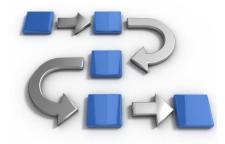
Myth 1: Automation is expensive

Myths:

- Digital Preservation needs manual intervention
- Every organization has unique processes

- All can be automated with the right workflow engine
- Easier and cheaper to customize existing workflows than start from scratch
- People time is costly









Myth 2: Processing power is expensive

Myths:

- Tools are slow
- Faster software is needed
- Need lots of processing hardware

Reality:

- Tools tend to multi-thread very well
- At scale system will get I/O (read/write) bound not CPU bound
- So don't need expensive processing hardware
 - In fact, at scale, better to focus on good network and multiple file readers & writers to keep up with processing speed
 - Don't need map/reduce tools (like Hadoop) which are designed for

CPU bound problems





Myth 3: Storage is cheap

- Myth:
 - Storage is cheap, so Lots of Copies Keeps Stuff Safe (LOCKSS)
- Reality:
 - Storage is getting cheaper (very rapidly).... however....
 - At scale (over 100TB) storage costs begin to dominate
 - Configure storage based on a risk assessment
 - Keep what you need and no more
 - Consider tiered storage
 - Ensure DP system can easily support multiple storage options









Myth 4: It's expensive (and hard) to get started

Myth:

It's hard & expensive to get started

- Digital Preservation is not a research problem any more
- Don't get bound up in the details, individual tools and technology
- You can now buy complete, affordable, standards-based DP solutions "off-the-shelf"
- You don't even need to buy your own hardware (use the cloud)



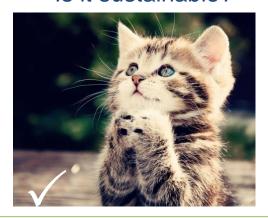






Myth 5: Free software and tools are free forever

- Consider the long-term Total Cost of Ownership (TCO)
 - Hidden cost of local IT or technical/developer resource
 - Hidden cost of on-going support and maintenance
 - Hidden cost of lack of automation and seamless user experience
 - And risk single point of failure if technical resource leaves....
 - Is it sustainable?







Myth 6: Commercial products are expensive

- Individual tools are a small component of a complete digital preservation solution
- Consider overall value and long term sustainability
- Ensure solution addresses all OAIS model functions
 - Especially "preservation planning and action"
- Complete, ready-to-go offerings = more time to focus on DP policy, process and people





DP Cost Myths: Summary

- ✓ Automation can provide a good return on investment
- ✓ At scale, focus on optimising I/O rather than processing power
- ✓ At scale, storage costs dominate
- ✓ Complete DP solutions exist today.....that make it relatively easy and inexpensive to get started





Discussion





Part 2

Getting Started





Why don't Organisations Get Started?

- Reasons vary, but typically:
 - Not knowing which assets are at risk.
 - Not knowing what the value of their assets is.
 - Lacking a budget (because unable to articulate the benefits that digital preservation brings).
 - Being overwhelmed by trying to tackle everything at once.



Digital Preservation: 5 Step Journey

What do I need to preserve?

How do I get organisational buy-in?

What solution do I need?

How do I deploy my solution?

How do I realise the benefits?

inputs

- Digital asset register template
- Digital Value at Risk
- Educational material
- Business cases
- DP Policy template
- DP Best Practice
- Peer networkexperience
- Requirements templates
- Pilot package
- Implementation plans and packages
- Hardware options
- Training packages
- Continual improvement template
- Certification assessment template

Assess digital assets

Build vision & business case

Create policy & specify system

Deploy system & user training

Certify, measure & improve

outputs

- ✓ Comprehensive Digital Asset Register
- ✓ Approved Business Plan
- ✓ Draft Digital Preservation Policy
- Approved DP Policy
- ✓ System spec.
- ✓ Experience
- Procurement process initiated
- ✓ Live system
- ✓ Trained staff
- ✓ SOPs

- ✓ ISO 1636 Trusted Digital Repository
- ✓ Benefits review
- Continual improvement plan



Step 1. Understanding Where You Are Now

What do I need to preserve?

- Digital asset register template
- Digital Value at Risk
- Educational material

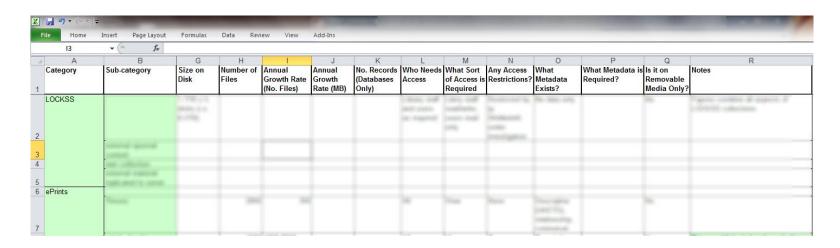
Assess digital assets

✓ Comprehensive
Digital Asset
Register



Audit your Digital Material

- Record
 - What you have
 - Why you are keeping it
 - Who needs access to it
 - What risks it faces
 - What the consequences of losing access to it would be





Your Digital Assets

Consider what digital material you have already

- Different categories
- Different sources (organisations/departments & systems)
- Don't forget removable media!



- Known future projects
 - Digitisation
 - New donors (departments, organisations, individuals)
 - New source systems (e.g. ERMS)





Digital Assets Register

- Consider what subset needs to be preserved & how long for
 - Indefinitely?
 - Long-term (10+ years)?
- Consider why you are keeping it
 - Preservation mandate
 - Legal or regulatory compliance
 - Business continuity
 - Corporate memory
 - Protect your reputation
 - Information reuse
 - Protect investment









Digital Assets Characteristics

- Format
 - File format
 - Category (e.g. documents, images, audio, video, etc.)
- jp2 mp3 doc mpg







- Size
 - On disk (e.g. in MB)
 - Number of files
 - Annual growth rate (in MB and/or number of files)
 - For databases/catalogues: estimate no. of records
- Is it stored only on removable media
 (CD, DVD, USB stick, floppy disk, etc.)?





Access to Digital Assets

- Access requirements
 - Who needs access?
 - What sort of access is required (view only, reuse, manage, etc.)?
 - Any access restrictions?
 - Confidential material
 - Copyright restrictions
 - Sensitive personal information

Metadata

- What metadata exists for it?
- What metadata is required?
 - Discovery
 - Search
 - Context / interpretation



Risk Assessment

Risks

- Loss of material
- Technology obsolescence
- Unable to find or interpret
- Can't prove authenticity

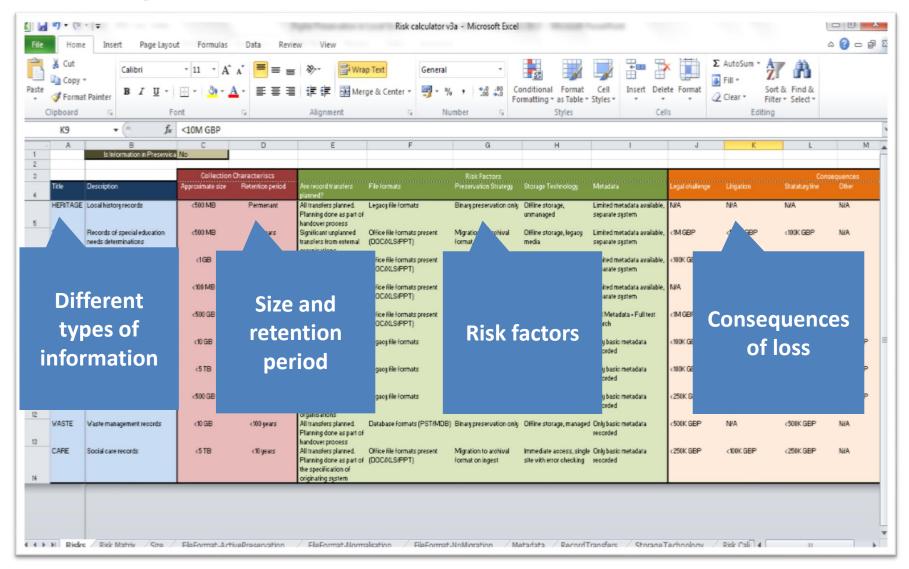


- Legal challenge / litigation
- Cost of re-work / recreation (or even irreplaceable)
- Statutory / regulatory fine
- Loss of reputation



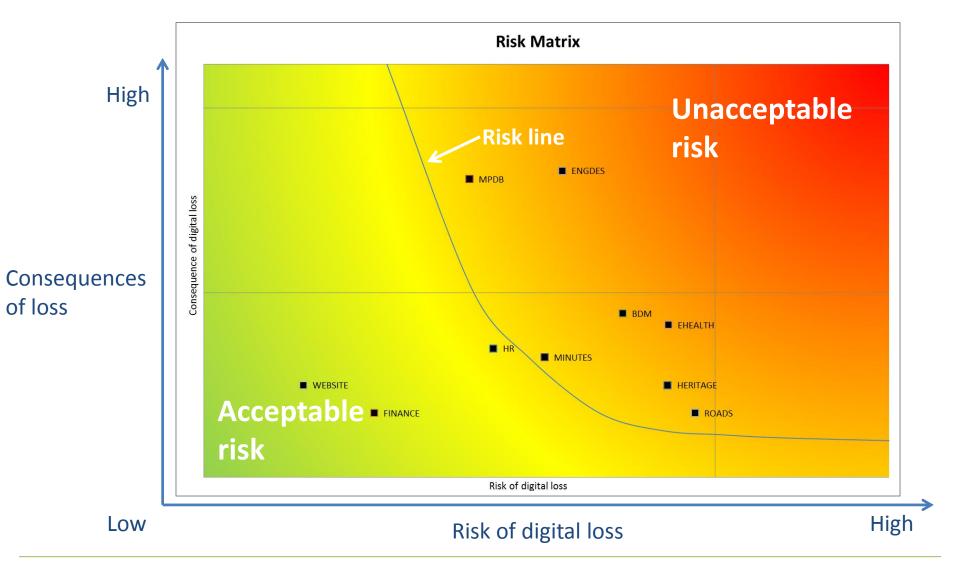


The Digital Value at Risk (DVAR) Tool





The D-VAR Risk Matrix





Step 1 Output

- Digital Asset Register
 - What digital materials you have
 - Why you are keeping them
 - Who needs access to them
 - What risks they faces
 - What the consequences of losing access to them would be





Step 2. Work out Where you Want to Get to

How do I get organisational buy-in?

- Business cases
- > DP Policy template
- DP Best Practice
- Peer networkexperience

Build vision & business case

- ✓ Approved Business
 Plan
- ✓ Draft Digital Preservation Policy



Articulate your Vision

- Where does digital preservation fit into your organisation's information work flow?
- What are the drivers for digital preservation?
- What benefits can digital preservation bring?





Digital Preservation Drivers

- Avoid damage to organisation:
 - Need to comply with legal / regulatory requirements
 - Protect investment (IP / patents)
 - Reputation: Need to be seen to treat information with respect
 - Insurance policy
 - Loss of vital digital information
 - Business continuity
 - eDiscovery
- Gain benefits:
 - Enable future reuse of information
 - Save search time
 - Retirement of existing legacy systems (saves costs)
 - Preserve heritage (cultural or scientific) or corporate memory



Business Case

- Make a case for investing in digital preservation
 - Easier to justify for a specific goal, than generically
- Consider
 - Why do we need to undertake this project?
 - What are the business benefits?
 - What are the risks?
 - What are the potential costs?
- Offer various options
 - Do nothing
 - Do the minimum
 - Do something
 - And make a recommendation



Digital Preservation Policy

- Provides authority to carry out digital preservation
- Purpose & drivers for preserving digital records
- Outlines benefits
- Roles & responsibilities
- Scope (of d.p. activities & of records to be preserved)
- Align with other policies

 (e.g. collections management, acquisition, preservation of analogue records, access, Fol & data protection, records management)
- Standards (e.g. OAIS, ISAD(G), ISAAR(CPF), PREMIS)



The Importance of Having a Policy

"There exists a digital preservation divide between the policy haves and the policy have-nots.

Organisations with a digital preservation policy are more likely to include digital preservation in their operational, business continuity and financial planning. They are 3 times more likely to have secured a budget for digital preservation, 4 times more likely to be investing in a solution now and 3 times more likely to have a long-term solution already in place.

By contrast, organisations *without* a digital preservation policy are 4 times more likely to have *no experience or be unaware of the challenges* presented by digital preservation, 3 times as likely to have *no plans* for the long-term management of digital information, and more than twice as likely to *put off investing* in a digital preservation solution for more than 2 years.

Therefore, the existence of a digital preservation policy is a **vital first step** towards implementing a solution."

The Digital Divide: Assessing Organisations' Preparations for Digital Preservation, A Planets White Paper, 2010



Step 2 Output

Approved business plan



- Digital preservation vision
 - Draft digital preservation policy







Step 3. Plan How to Get There

What solution do I need?

- Requirements templates
- Pilot package

Create policy & specify system

- ✓ Approved DP Policy
- ✓ System spec.
- ✓ Experience
- Procurement process initiated



Digital Preservation Pilot

- Gain experience
- Discover your requirements
 - Find out how you would REALLY use a digital archive
 - What features are important & which don't matter for you
- Use a cloud-based digital preservation system
 - No infrastructure costs
 - Quick to get started
 - You're not committed you can take what you've learnt, throw away the pilot and start again

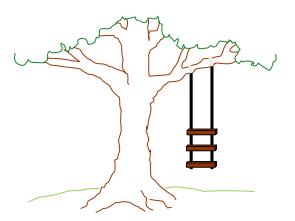


Gaining Experience

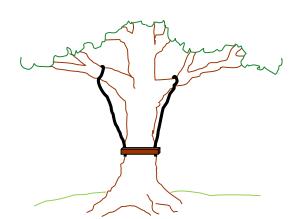
- Gain experience
 - How to ingest material
 - Representative sample of digital material
 - How to arrange & describe material
 - Interface to your catalogue
 - Preservation actions
 - Migration for preservation &/or access
 - Access to material
 - For archivists/librarians
 - For end users
 - Search & browse
 - Permissions
 - Content based
 - Role based
- Try out ≥1 digital preservation systems



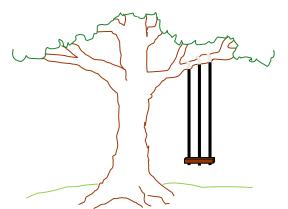
The Importance of Getting Requirements Right



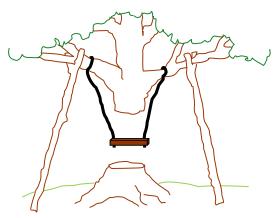
How the customer explained it



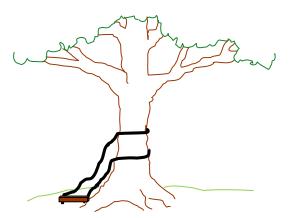
How the programmer implemented it



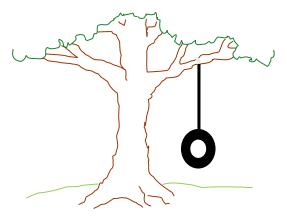
How it was recorded in the requirements



How it was installed at the customer's site



How the architect designed it



What the customer really needed



What Makes A Good Requirement?

Characteristics of good requirements

- Cohesive One and only one thing is addressed
- Atomic No use of the word "and"
- Complete The requirement is fully stated
- Testable Must be able demonstrate the requirement is met
- Unambiguous Correctly stated without jargon. Expresses facts
- Traceable Requirement meets a business need
- Feasible Can be implemented within project constraints

Implementation Neutral – Describes "What" **NOT** 'How"



Examples

Good:

"The system shall capture the format of an ingested file."

Not So Good:

"The system shall be user friendly."

"The system shall ingest records quickly."



Classify / Prioritize Requirements

- Wish list will be bigger than your budget / timeframe
- Set a realistic scope
- Assign a priority to each requirement
 - Mandatory
 - Desirable
 - Optional
- Adopt an incremental / phased approach
 - Start with a core set of essential and manageable functions
 - Add complexity and desirables over time
 - Learn from each increment
 - Adapt requirements as necessary
 - Gain early and frequent insights into implementation



Procurement Preparation

Software

- Think product selection not bespoke development
- Find out about the available digital preservation solutions
 - Webinars
 - Comparison events & reports
 - E.g. POWRR report (http://commons.lib.niu.edu/handle/10843/13610)
 - Independent, unbiased advice

Consider the infrastructure

- On premises need appropriate servers & storage systems
- Cloud jurisdiction (EU/US), durability of vendor, elasticity



Step 3 Outputs

- Approved digital preservation policy
- Experience
- Requirements for your digital preservation system
- Procurement process initiated



Step 4. Getting There

How do I deploy my solution?

- Implementation plans and packages
- Hardware options
- Training packages

Deploy system & user training

- ✓ Live system
- ✓ Trained staff
- ✓ SOPs



Implementation is not just about IT

- Digital archive is more than hardware & software
- New business processes



- Involve users
 - E.g. in working out new business processes
- Provide effective training
- Plan for initial digital object ingest







Implementation Plan

- Think about
 - Who will have access to the system & where from
 - Firewalls, SSL certificates, etc.
 - Hardware installation (liaise with IT)
 - Software installation (liaise with IT)
 - Servers
 - Clients (if not fully web-based)
 - Software configuration
 - User training
 - User acceptance testing
 - Does the software do what it's supposed to
 - Operational testing
 - Security, performance, backup & recovery





Change Management & New Processes

- Implementing a digital archive is CHANGE!
 - Need new business processes
 - Consider both automated & manual aspects of processes
 - Document (SOPs)
 - Be prepared to test & modify processes to develop good practice
 - People resist change
 - So keep them informed & get them involved (don't impose it)
 - Provide training





Training

- How to use the software
 - System administration (if not in the cloud)
 - Different user roles (OAIS functions)
 - Management
 - Catalogue / ingest
 - Preservation
 - Access / dissemination
- New processes (manual & automated)





Step 4 Outputs

- Installed digital preservation system
- Trained staff
- Standard operating procedures (SOPs)









Step 5. Ensuring Sustainability

 Business as usual or Certify, measure & improve How do I realise the benefits?

Continual improvement template
 Certification assessment template

Certify, measure & improve

✓ ISO 1636 Trusted
Digital Repository
✓ Benefits review
✓ Continual
improvement
plan



Business as Usual or What Next?

System in place it's all over, isn't it?

No!

- Need to make it business as usual
 - Bed in your new processes & systems
- Review stated benefits
 - Ensure you're delivering on them



Then start trying to improve



Continual Improvement Plan

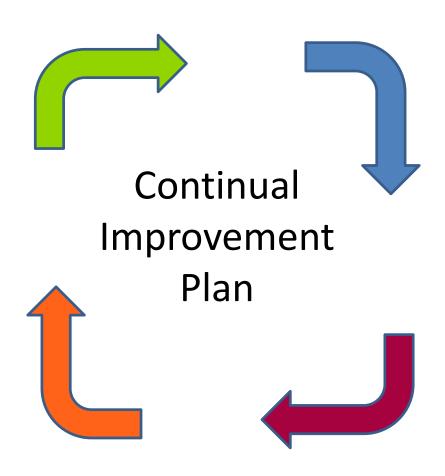
Act

If the change was successful, implement it on a wider scale and continually assess your results.

If the change did not work, begin the cycle again.

Check

Use data to analyse the results of the change and determine whether it made a difference.



Plan

Identify an opportunity and plan for change.

Do

Implement the change on a small scale.



Incremental Advances in Capability

- Keep D.P. Policy & SOPs up to date
 - Review every 2 years
- Implement best practice as it emerges
- Consider automating manual processes, where appropriate
 - Will incur a capital cost & higher support costs (for bespoke functionality)
 but lowers the running costs => T.C.O. is lower
 - If done as part of a user-driven community, costs are spread
- Plan to deal with new technology as & when it's adopted
- Audit



Audit

European Ladder

http://trusteddigitalrepository.eu/



Data Seal of Approval http://datasealofapproval.org/en/



Self-audit against ISO 16363
 e.g. Nestor Seal for Trustworthy Digital Archives
 http://www.langzeitarchivierung.de/Subsites/nestor/EN/nestor-Siegel/siegel_node.html



- ISO 16363
 http://public.ccsds.org/publications/archive/652x0m1.pdf
 http://www.iso16363.org/
 - Based on TRAC
 Trustworthy Repositories Audit & Certification
 http://www.crl.edu/sites/default/files/attachments/pages/trac_0.pdf



Sustainability

- Good governance
 - D.P. policy basis for this
- Integrate digital preservation into your organisation
 - So it's a part of everything you do
- Minimise costs
 - E.g. move from manual to automated processes
- Maximise value & revenue
 - Ensure that digital preservation is valued & budget is secure



Step 5 Outputs

- Trusted digital archive
- Continual improvement plan
- Sustainable digital preservation



Digital Preservation: 5 Step Journey

What do I need to preserve?

How do I get organisational buy-in?

What solution do I need?

How do I deploy my solution?

How do I realise the benefits?

inputs

- Digital asset register template
- Digital Value at Risk
- > Educational material
- Business cases
- DP Policy templateDP Best Practice
- Peer network experience
- Requirements templates
- Pilot package
- Implementation plans and packages
- Hardware options
- Training packages
- Continual improvement template
- Certification assessment template

Assess digital assets

Build vision & business case

Create policy & specify system

Deploy system & user training

Certify, measure & improve

outputs

- ✓ Comprehensive Digital Asset Register
- ✓ Approved Business Plan
- ✓ Draft Digital Preservation Policy
- Approved DP Policy
- ✓ System spec.
- ✓ Experience
- Procurement process initiated
- ✓ Live system
- ✓ Trained staff
- ✓ SOPs

- ✓ ISO 1636 Trusted Digital Repository
- ✓ Benefits review
- Continual improvement plan



Discussion





Break

• 15:20 – Minute Madness: Introduction to the Digital Preservation Awards Finalists

15:45 – Tea & Coffee

• 16:15 - Reconvene



Part 3

Ensuring Sustainability





Business as Usual

Having made the decision to preserve digital assets Digital Preservation needs to become 'business-as-usual'

To become business as usual, the following are needed:

- A preservation process that continually improves
- A Digital Preservation platform that is sustainable



Continuous Improvement

- Most important get started
- Plan for incremental advances in capability (e.g. automation of manual processes)

What does a sustainable DP system look like?



Rich Functionality

Seamless User Experience

Comprehensive Customer Service

Simple Commercials

Scalable and proven technology



Rich Functionality

- ✓ Full standards based OAIS implementation
- Active Preservation for over 800 different file formats and 300 migration pathways
- Metadata: EAD, MODS, Dublin Core, METS and XML Schemas
- ✓ Comprehensive security down to information object level
- Out-of-the-box connectors for DSpace, CONTENTdm, CALM, MS Sharepoint, MS Outlook, Web Harvesting, OAI-PMH and CMIS
 - Seamless wrap of best-ofbreed and open-source tools – e.g. DROID, JHOVE



Rich Functionality

- ✓ Full standards based OAIS implementation
- Active Preservation for over 800 different file formats and 300 migration pathways
- Metadata: EAD, MODS,
 Dublin Core, METS and
 XML Schemas
- Comprehensive security down to information object level
- Out-of-the-box connectors for DSpace, CONTENTdm, CALM, MS Sharepoint, MS Outlook, Web Harvesting, OAI-PMH and CMIS
- ✓ Seamless wrap of best-ofbreed and open-source tools – e.g. DROID, JHOVE

Seamless User Experience

- ✓ Comprehensive, out-of the box, end-to-end solution
- ✓ Integrated, consistent, intuitive <u>user interface</u>
- Preservation and public access in one system
- Extensive workflows for automating manual steps and performing bulk actions
- On demand help & full documentation
- Out-of-the-box and bespoke integration with other systems – for automated content lifecycle management

Reliable, proven and extensible framework



Rich Functionality

- ✓ Full standards based OAIS implementation
- ✓ Active Preservation for over 800 different file formats and 300 migration pathways
- Metadata: EAD, MODS, Dublin Core, METS and XML Schemas
- Comprehensive security down to information object level
- Out-of-the-box connectors for DSpace, CONTENTdm, CALM, MS Sharepoint, MS Outlook, Web Harvesting, OAI-PMH and CMIS
- ✓ Seamless wrap of best-ofbreed and open-source tools – e.g. DROID, JHOVE

Seamless User Experience

- ✓ Comprehensive, out-of the box, end-to-end solution
- ✓ Integrated, consistent, intuitive user interface
- Preservation and public access in one system
- Extensive workflows for automating manual steps and performing bulk
- On demand help & full documentation
- ✓ Out-of-the-box and bespoke integration with other systems – for automated content lifecycle management
- Reliable, proven and extensible framework

Comprehensive Customer Service

- ✓ Ongoing development and maintenance by ISO 9000 certified team
- Regular upgrades and enhancements
- ✓ Unlimited support
- Regular online and face-toface User Group meetings
- ✓ User Group portal and
- Online and face to face training
- Optional consultancy service
- Network of authorised partners



Rich Functionality

- ✓ Full standards based OAIS implementation
- ✓ Active Preservation for over 800 different file formats and 300 migration pathways
- Metadata: EAD, MODS,
 Dublin Core, METS and
 XML Schemas
- Comprehensive security down to information object level
- Out-of-the-box connectors for DSpace, CONTENTdm, CALM, MS Sharepoint, MS Outlook, Web Harvesting, OAI-PMH and CMIS
- ✓ Seamless wrap of best-ofbreed and open-source tools – e.g. DROID, JHOVE

Seamless User Experience

- ✓ Comprehensive, out-of the box, end-to-end solution
- ✓ Integrated, consistent, intuitive user interface
- Preservation and public access in one system
- Extensive workflows for automating manual steps and performing bulk actions
- ✓ On demand help & full documentation
- ✓ Out-of-the-box and bespoke integration with other systems – for automated content lifecycle management
- ✓ Reliable, proven and extensible framework

Comprehensive Customer Service

- Ongoing development and maintenance by ISO 9000 certified team
- Regular upgrades and enhancements
- ✓ Unlimited support
- Regular online and face-toface User Group meetings
- ✓ User Group portal and forums
- Online and face to face training
- ✓ Optional consultancy service
- Network of authorised partners

Simple Commercials

- Range of Editions and affordable price-points to meet needs of different size organizations
- Choice of deployment models cloud hosted, on premise or hybrid
- Out-of-the-box functions with choice of fully customizable Editions
- ✓ Simple, single contract, SPOC and SLA
- ✓ Vision and roadmap for the future of Digital
 Preservation



Rich Functionality

- ✓ Full standards based OAIS implementation
- ✓ Active Preservation for over 800 different file formats and 300 migration pathways
- Metadata: EAD, MODS,
 Dublin Core, METS and
 XML Schemas
- Comprehensive security down to information object level
- Out-of-the-box connectors for DSpace, CONTENTdm, CALM, MS Sharepoint, MS Outlook, Web Harvesting, OAI-PMH and CMIS
- ✓ Seamless wrap of best-ofbreed and open-source tools – e.g. DROID, JHOVE

Seamless User Experience

- ✓ Comprehensive, out-of the box, end-to-end solution
- Integrated, consistent, intuitive user interface
- Preservation and public access in one system
- Extensive workflows for automating manual steps and performing bulk actions
- ✓ On demand help & full documentation
- ✓ Out-of-the-box and bespoke integration with other systems – for automated content lifecycle management
- Reliable, proven and extensible framework

Comprehensive Customer Service

- Ongoing development and maintenance by ISO 9000 certified team
- Regular upgrades and enhancements
- ✓ Unlimited support
- Regular online and face-toface User Group meetings
- User Group portal and forums
- Online and face to face training
- ✓ Optional consultancy service
- Network of authorised partners

Simple Commercials

- Range of Editions and affordable price-points to meet needs of different size organizations
- Choice of deployment models cloud hosted, on premise or hybrid
- Out-of-the-box functions with choice of fully customizable Editions
- ✓ Simple, single contract, SPOC and SLA
- Vision and roadmap for the future of Digital
 Preservation

Scalable and proven technology

Maintain Choice

Avoid lock-in

Ensure the platform provides for:

- Content migration and exit
- Content and metadata flexibility on the way in and on the way out



Platform Longevity

Is the DP system protected from obsolescence?

Does the platform provide a policy and the ability to upgrade

- Storage
- Servers
- Software
- Tools
- Who is keeping up with security?



Discussion





Preservica: Summary

- ✓ Part 1: Complete DP solutions exist today.....that make it relatively easy and inexpensive to get started
- ✓ Part 2: Use a proven framework to guide your journey to a digital archive (governance & system)
- ✓ Part 3: Choose a DP platform that is proven and sustainable in the long term

www.preservica.com/resources

- white papers, videos, case studies, live demo, webinars

info@preservica.com



Part 4

Experiences of the UK Parliamentary Archives







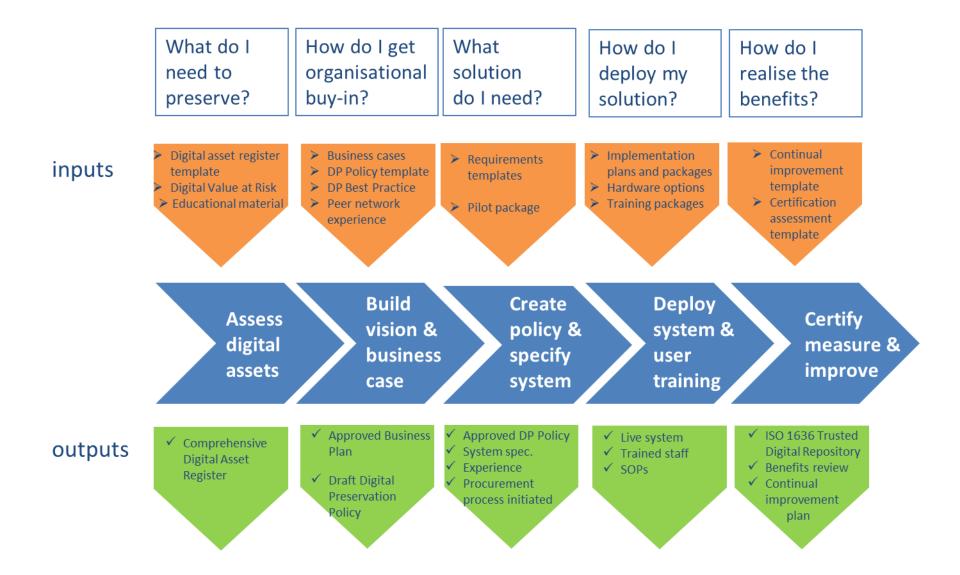
From parchments to podcasts:

Developing digital preservation capability at Parliament

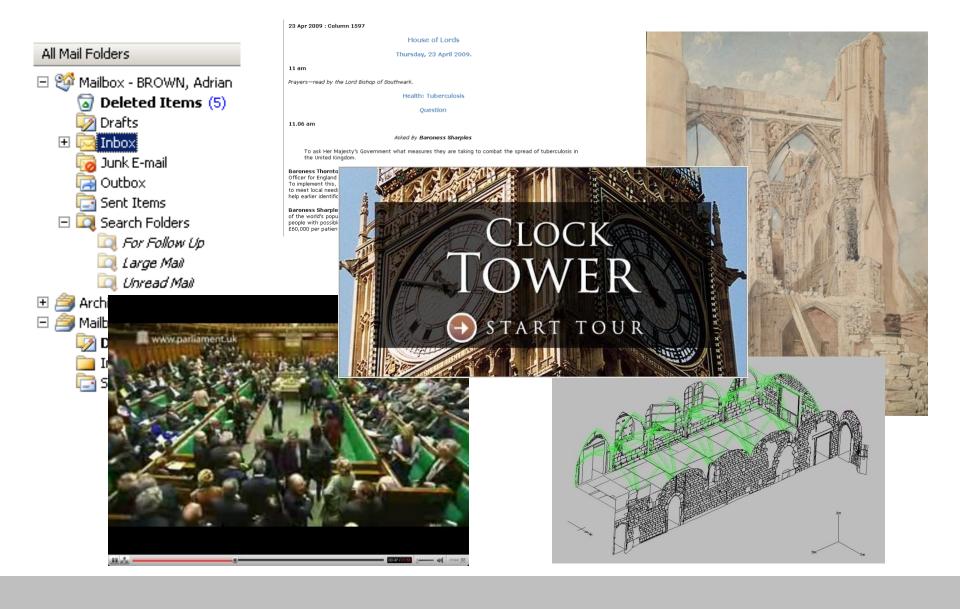
Adrian Brown, Parliamentary Archives

Investing in Opportunity: Policy Practice and Planning for a sustainable digital future

17th -18th November 2014



Parliament's 5 step journey



Identifying what we need to preserve

Digital Asset Register

Ref.	Asset name	Owner	Туре	Volume		Estimated value	Potentiai	Vulnerability		Risk Assessment			Risk Score
				Curr.	Accrual rate		benefits		type	Probability	Impact	Proximity	

Identifying what we need to preserve





Parliamentary Arch Houses of Parlian London SW1A O Telephone: +44(0) 20 7219 3 Fax: +44(0) 20 7219 2 E-mail: archives@parliamen Web: www.parliament.uk/arch Online catalogue: www.porlulis.parliamen

Authorised Record Disposal Practice

for records covered by the Keyword 1

BUSINESS OF THE

Version 2.3

FOR PARLIAMENT

Approved by
the Clerk of the Parliaments and the Clerk of the House

David Beamish Clerk of the Parliaments

Robert Roger Clerk of the Hou

Date:

Date:

Collection & Acquisition Policy

HOUSES OF PARLIAMENT PARLIAMENTARY ARCHIVES

1st Edition March 2009

A DIGITAL PRESERVATION POLICY

Gaining organizational buy-in

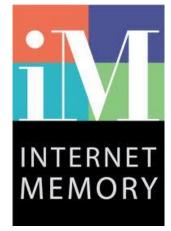








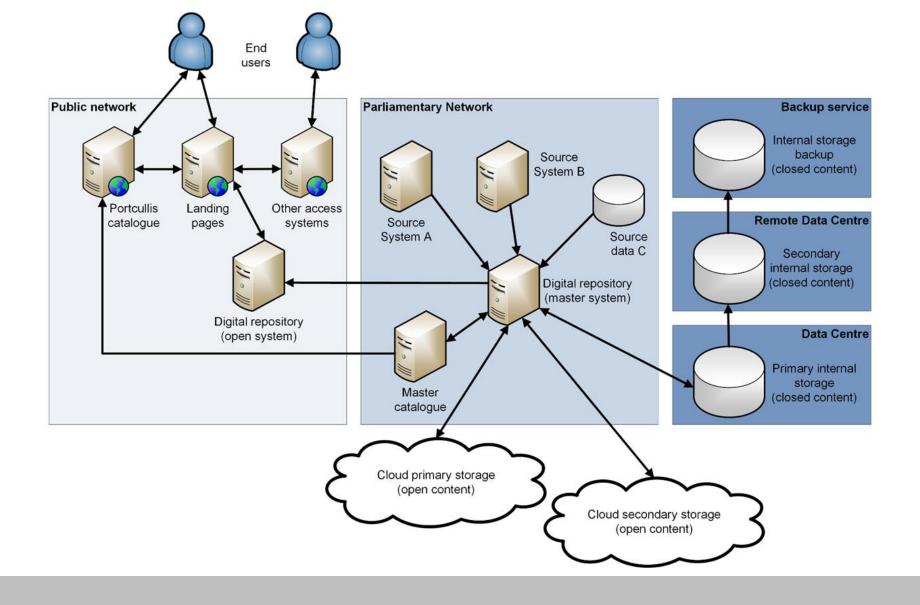








Choosing a solution



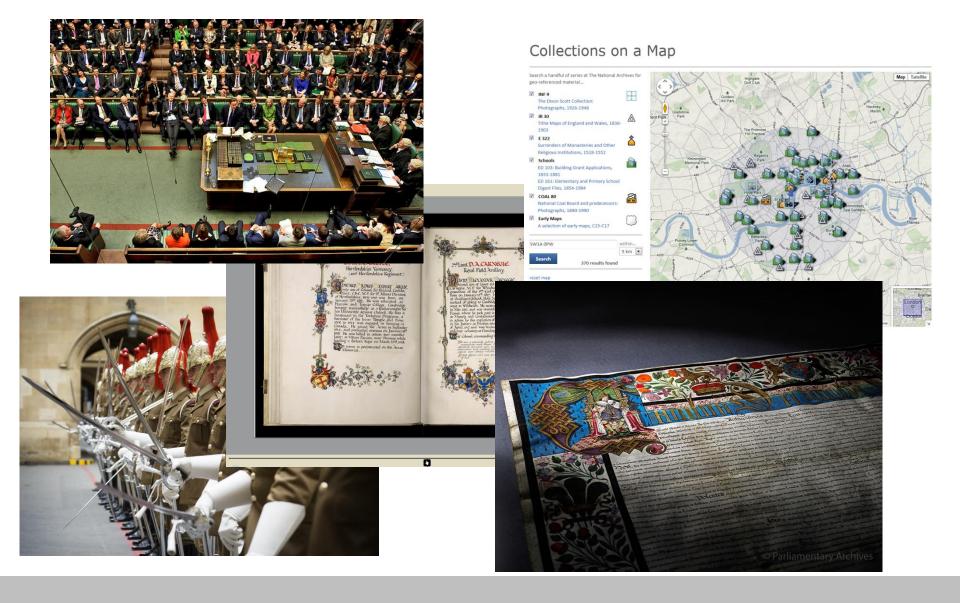
Deploying our solution



Achieving sustainability

- Getting your requirements and objectives right
- Incrementally building capability
- Continuous improvement
- Embedding as business-as-usual
 - Change management
 - Governance
 - Advocacy and engagement
 - Resourcing
- Benefits realisation

Achieving sustainability



Realising the benefits



So how much does it cost?

- Invest in ingest and automation
- Risk- and evidence-based decision making
- Prioritise investment don't spend until you need to
- Major cost areas:
 - Storage
 - Staff
 - Start-up
 - Support
- But, costs must be seen in context of benefits

So how much does it cost?

Questions?

Web: http://www.parliament.uk/archives

Twitter: @UKParlArchives, @realAdrianBrown



Discussion





Thank you!

www.preservica.com info@preservica.com @dPreservation

