



DIGITAL RECORDS EVOLUTION

Public Offices, Us & the Act



State Archives
& Records

STATUTORY REQUIREMENTS

*State Records Act
1998 (the Act)*



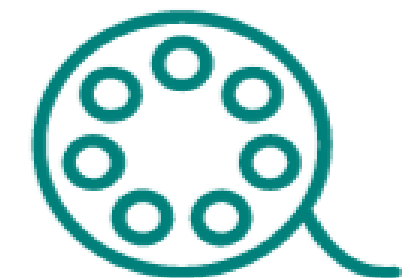
**KEEP FULL AND
ACCURATE RECORDS**



**ESTABLISH A RECORDS
MANAGEMENT PROGRAM**



**PRESERVE AND
PROTECT RECORDS**



**ENSURE ACCESS OF TECH-
DEPENDENT RECORDS**



OUR SERVICES



**GOVERNMENT
RECORDKEEPING**
Compliance, policies, advice,
training, & resources



**GOVERNMENT RECORDS
REPOSITORY**
Safe and secure storage
solutions for Government



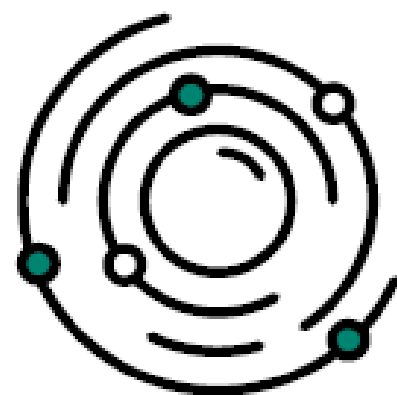
**DIGITAL STATE
ARCHIVES**
Preserving 'born digital'
records indefinitely



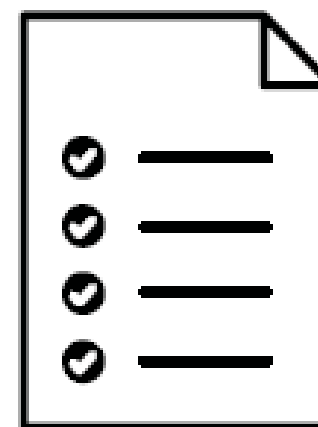
**COLLECTION ACCESS
& ENGAGEMENT**
Ensuring that the State
archives are accessible

DIGITAL GOVERNMENT

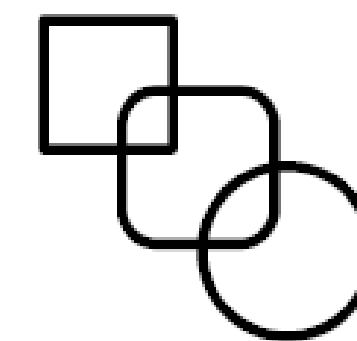
Enablers of Digital Government



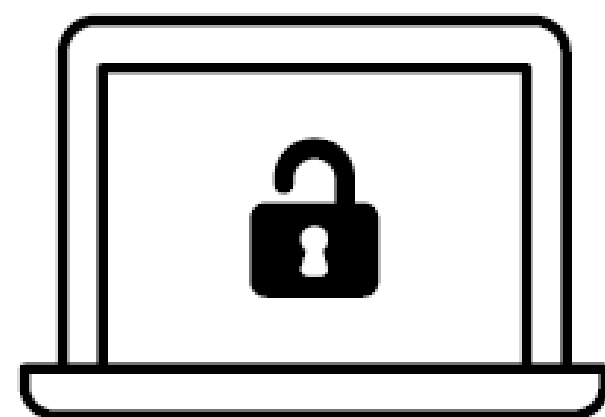
**'BY DESIGN'
APPROACHES**



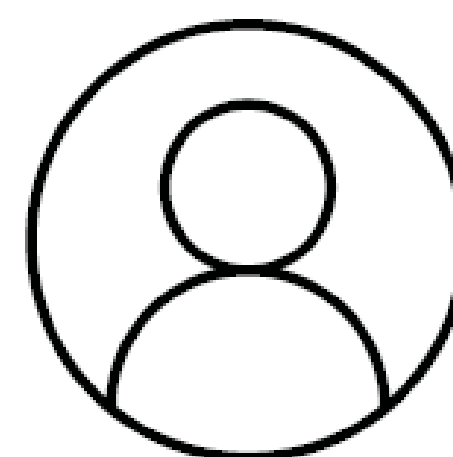
**SIMPLIFIED
COMPLIANCE**



**DIGITAL
TRANSFORMATION**



**ACCESS &
ENGAGEMENT**



**CUSTOMER
CENTRIC**

A+

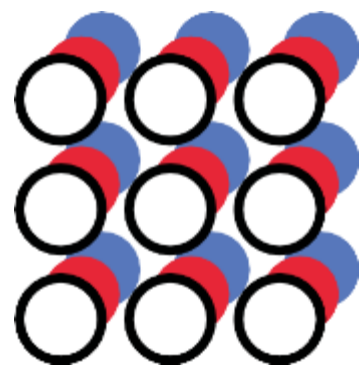
**BEST
PRACTICE**

Digital Is A Game Changer

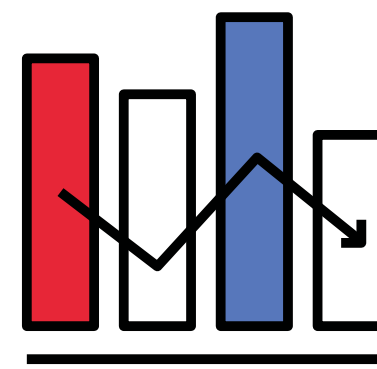
SUPPORTING DATA DRIVEN DECISIONS:

- DIGITAL
- DISPLAY
- DISSECT
- DIRECT

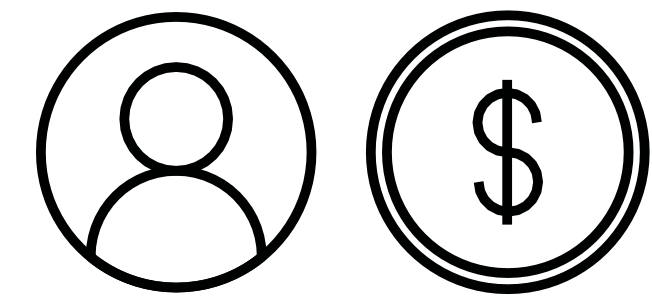
———— DURABLE ————



AGGREGATION OF DATA



ANALYSIS & INTERPRETING DATA



IMPROVED SOCIAL & ECONOMIC OUTCOMES

DIGITAL RECORD KEEPING



NEW MEDIA –
SOCIAL, ONLINE, COLLABORATIVE, CLOUD

NEW FORMS 'BORN' DIGITAL

WHAT'S REQUIRED:

- NEW FRAMEWORKS
- NEW SOLUTIONS



Digital State Archives

LEGACY SYSTEMS



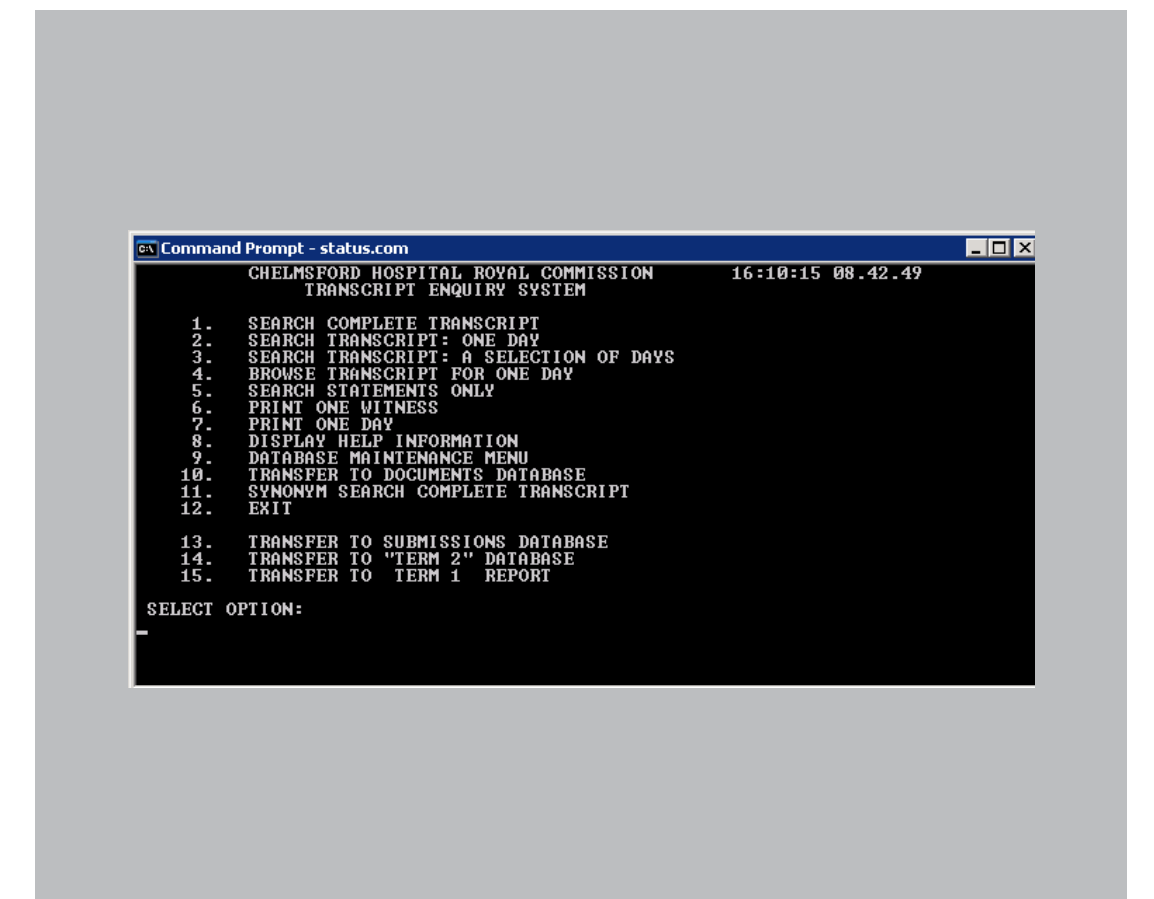
FUTURE PROOFING 'LONG-TERM' ACCESS

BORN DIGITAL

MIGRATION



DIGITISATION



PRESERVATION

Digital Records Ecosystem

CUSTOMERS (External to Government)

NEEDED: SOLUTIONS TO ENABLE
DIGITAL ENGAGEMENT



Cloud-based collaboration tools
Frontline Business Tools
Community Access Tools
Social Media
G4B, MO365, Email, Yammer...

DIGITAL ENGAGEMENT



CUSTOMER

CLIENTS (Internal to Government)

NEEDED: FRAMEWORKS WHICH
SUPPORT DIGITAL RECORDS
GOVERNANCE

- 375 Public Offices
- SOCs
- Statutory Authorities
- Universities



DIGITAL RECORDS
FRAMEWORKS

- Central Clusters
- NSW Government Agencies
- Local Councils
- Local Health Districts

SUPPORTING GOVERNMENT

NEEDED: INVESTMENT IN DIGITAL
PRESERVATION AT WoG LEVEL



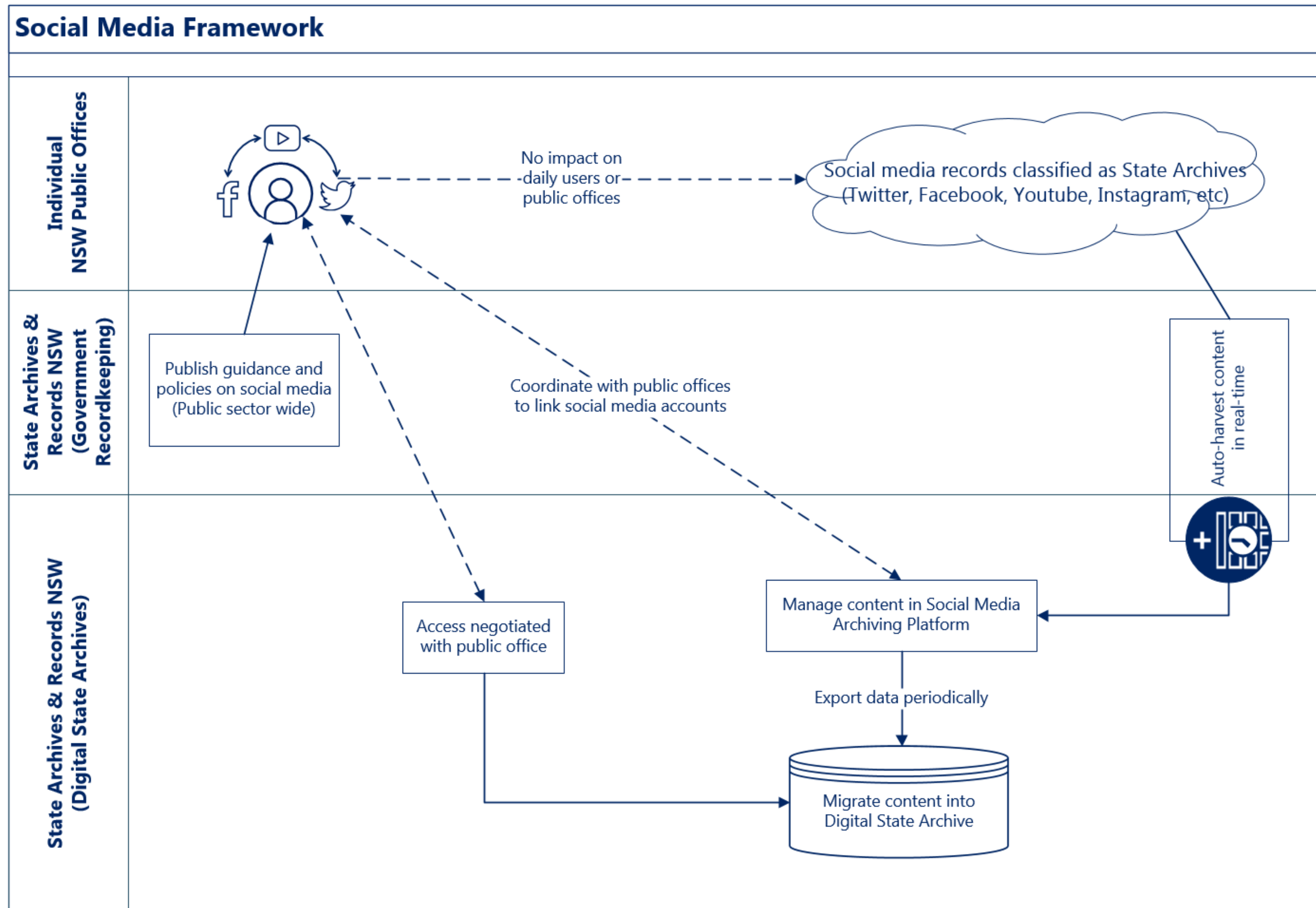
DIGITAL STATE ARCHIVES
(CURRENT)

INVESTMENT



WoG DIGITAL PRESERVATION
(PROPOSED)

Challenge 1: Managing Social Media & Cloud



Challenge 2: Implementing Records by Design

Semantic Toolsets

Artificial

intelligence

Machine Learning

Records Data

Information



What?

Big Data - Big Issue



Why?

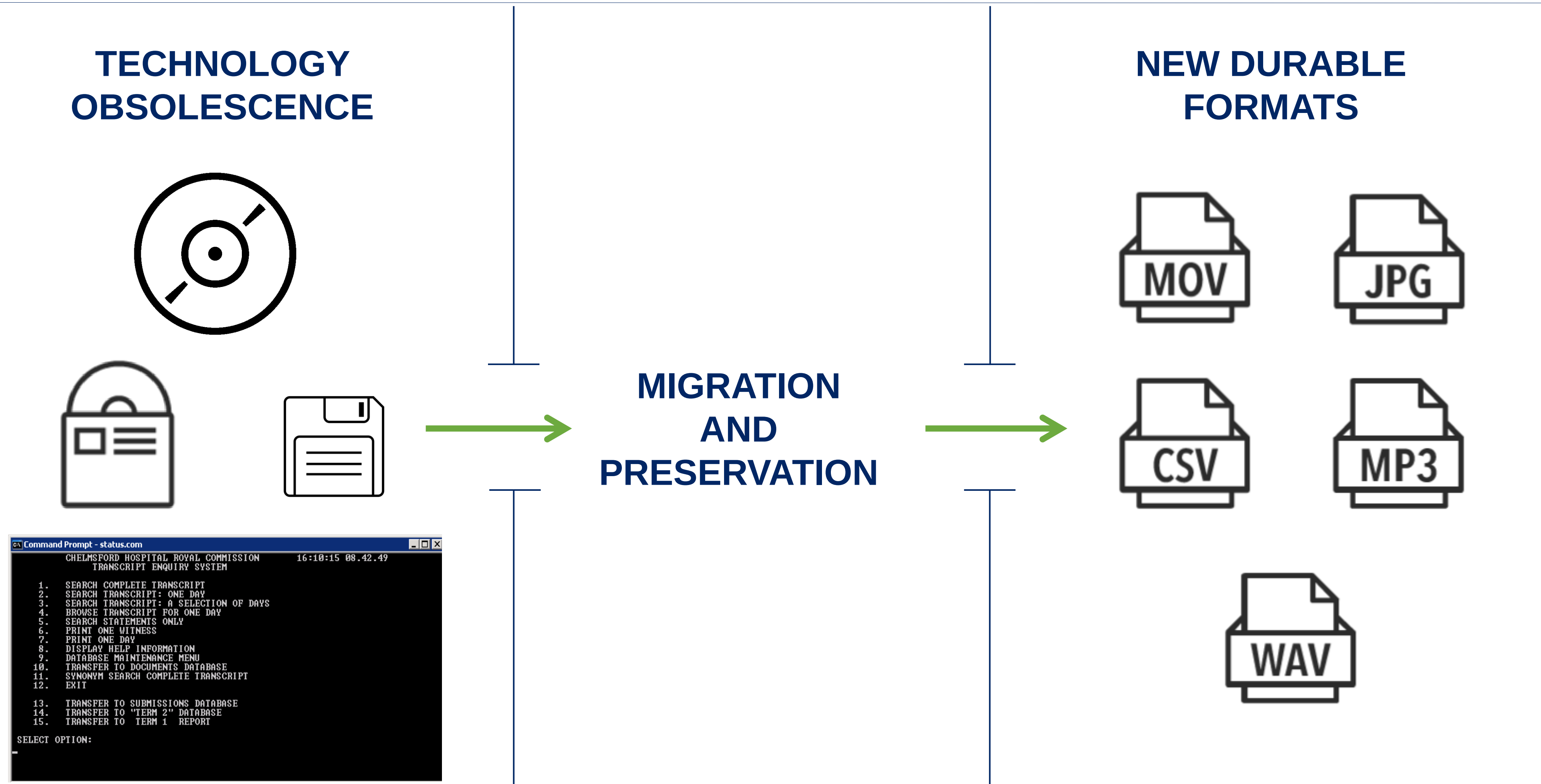
Simplify sorting & sentencing of unstructured data



How?

Looking at Machine Learning to auto sort 70% of unstructured data

Challenge 3: Making Digital 'Durable'



Goal - To avoid a Digital Dark Age

Opportunity: Digital Records Innovation



To be a valued partner and enabler of digital government

Digital Records: Our Focus

EXPANDING PUBLIC ACCESS



ACCESSIBLE CONTENT

Exhibition program developed to promote engagement.



CULTURAL HISTORY RESEARCH

Leveraging our Western Sydney presence



RENOWNED

Activities which promote the use of State archives

SIMPLIFYING COMPLIANCE



PERPETUAL RECORDS

Frameworks to enable management of digital records



DIGITAL INNOVATION

New tools, resources and advice supporting digital recordkeeping.



RECORDS BY DESIGN

Compliant rules embedded in new system design



DIGITAL PRESERVATION

Whole of government digital preservation solutions

FORWARD LOOKING & FUTURE READY



STAFF DEVELOPMENT

Assessing the skills needed for the future.



INFORMATION SERVICE EXCELLENCE

Cloud-based record keeping research



LEGISLATIVE CHANGES

Support pro-active transfer of archives



INTEGRATED SERVICES

Integrated Collection Management System



SEAMLESS COMPLIANCE

Machine-learning big data analysis.

Evolving Digital Skills & Capabilities Needed

Digital Archivists



Data Scientists



Digital Recordkeeping



Digital Curation



Digital Preservation



User Experience



Internal Skills

New Skills Supporting
Digital Records Management

Client Skills

Collaboration and
Problem Solving

Document Our Past – Better Inform Our Future



- **Records and Archives - the collective 'memory of government'**
 - **Good Records Management Underpins Good Government**

ACCOUNTABILITY — IDENTITY — TRUST — INTEGRITY

Thank you



Geoff Hinchcliffe

Executive Director

State Archives and Records Authority of New South Wales

+612 9673 1788

edo@records.nsw.gov.au

