VEO Processing Application (VPA)

Julie McCormack | ASA Government SIG | September 2018

Overview of Presentation

Part 1: Introduction

- The Victorian Electronic Records Strategy (VERS)
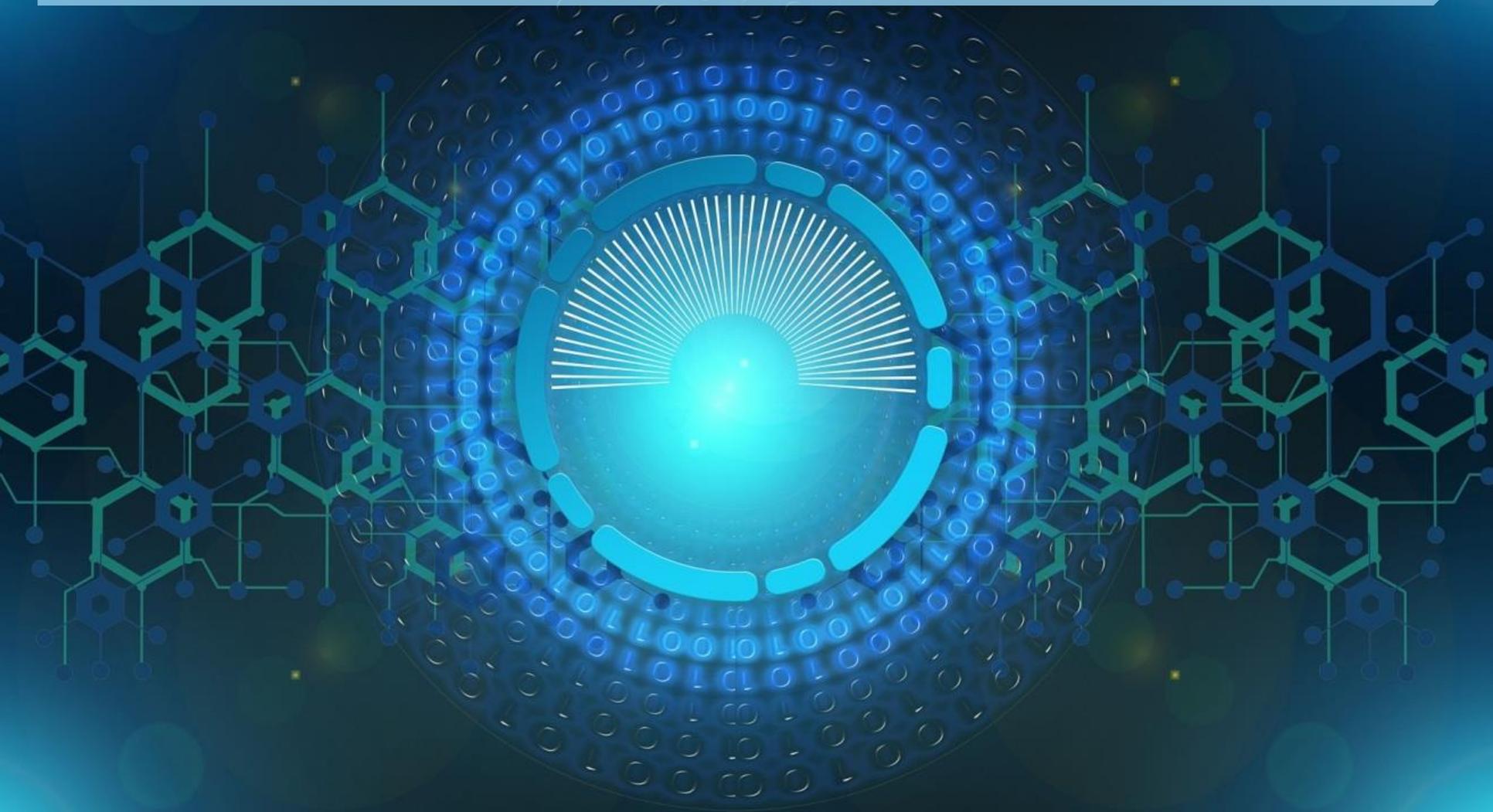- VERS Encapsulated Object (VEO)
- Digital Archive Program (DA)

Part 2: About the VEO Processing Application (VPA)

- Purpose of the VPA
- Functions of the VPA
- VPA in relation to other DA Program systems

Part 3: Conclusion

- Next steps for the VPA
- Questions

Part 1: Introduction

Victorian Electronic Records Strategy (VERS)

VERS is about ensuring the creation, capture and preservation of authentic, complete and meaningful digital records by the Victorian public sector.

Digital First

Ensuring that recordkeeping processes support a born-digital, stay digital approach and paper records are no longer produced.

Digital Forever

Ensuring that digital information of long-term and continuing value is preserved so that it remains accessible and usable over time.

Digital Recordkeeping by Design

*Ensuring that recordkeeping requirements are factored into the design of business systems that manage records.*

VERS
Victorian Electronic Records Strategy

VERS
Digital Forever

Public Record
Office Victoria

VICTORIA
State
Government

VERS Encapsulated Object (VEO)

PROV has developed a long-term format called a VEO for the preservation of digital records.

VEOs:

- are made up of digital records in an approved long-term preservation format
- feature contextual information (metadata) about the records
- are signed using digital certificate technology to ensure integrity.
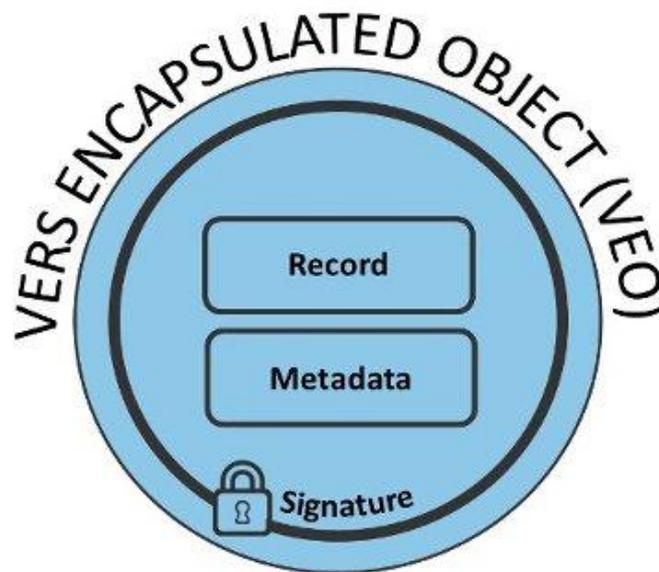
Digital Archive Program

PROV is in the process of updating and improving our entire digital archiving environment, which includes:

- Revised Archival Control Model (RACM)
- New Archival Management System (AMS)
- New Digital Archive Storage Platform (DAS)
- New Secondary Asset Management System (SAMS)
- Other systems and tools including VEO Processing Application (VPA).

VERS
Digital Forever

Public Record
Office Victoria

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Part 2: About the VEO Processing Application
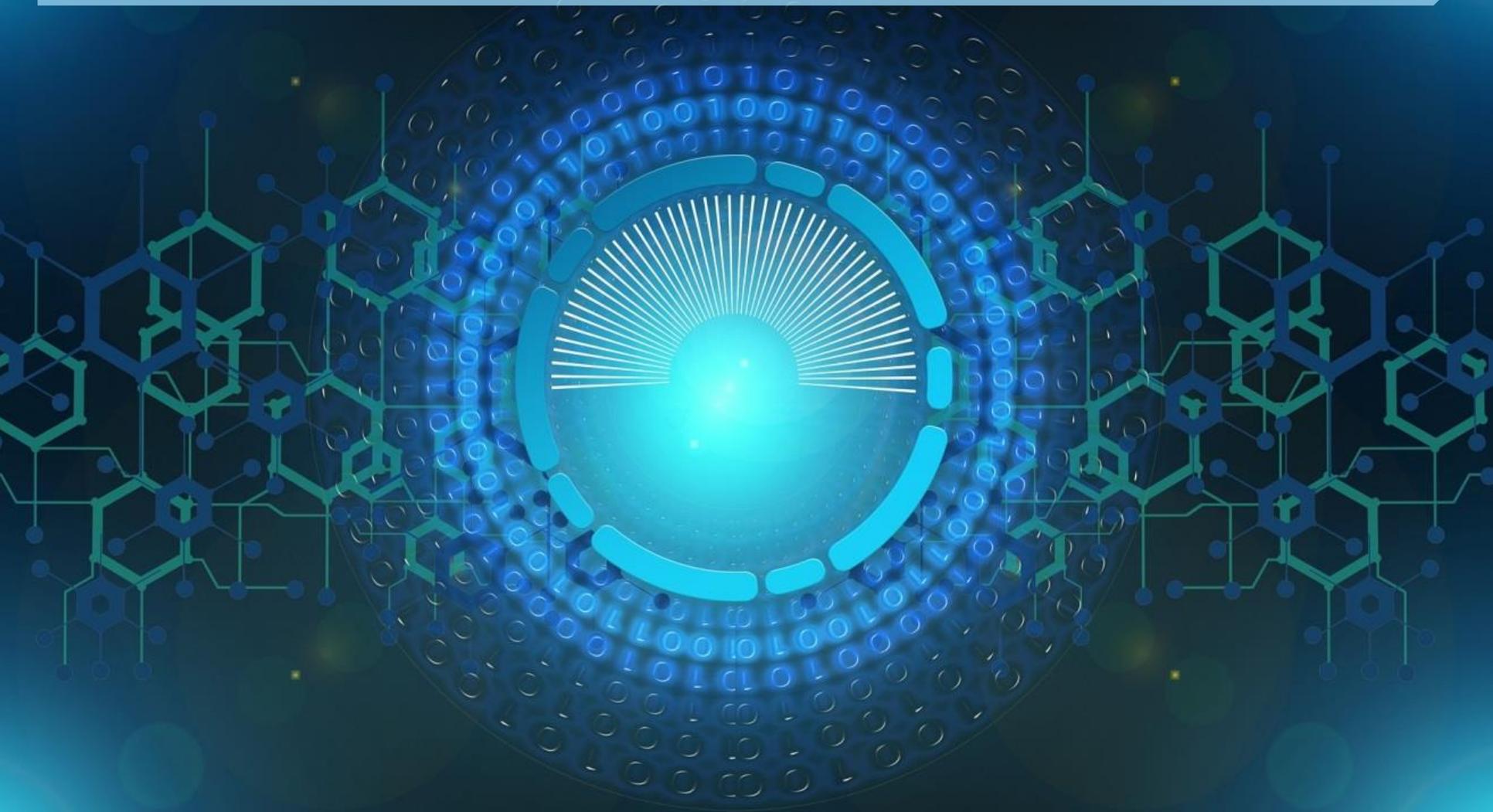
Purpose of the VPA

The VPA will be used to:

- Migrate existing VEOs from old DA into the new DA
- Ingest new VEOs transferred from Victorian Government agencies into the Digital Archive (DA)
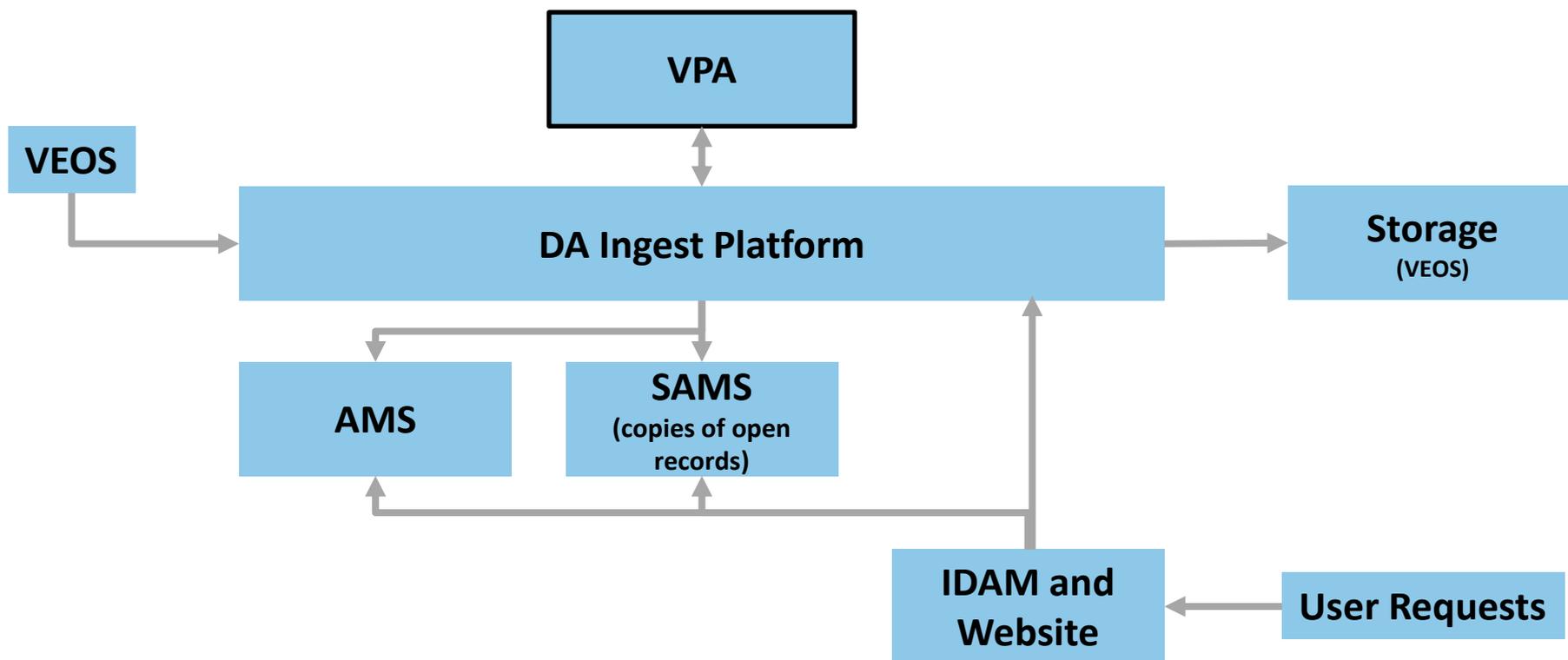- Access closed records for authorised users
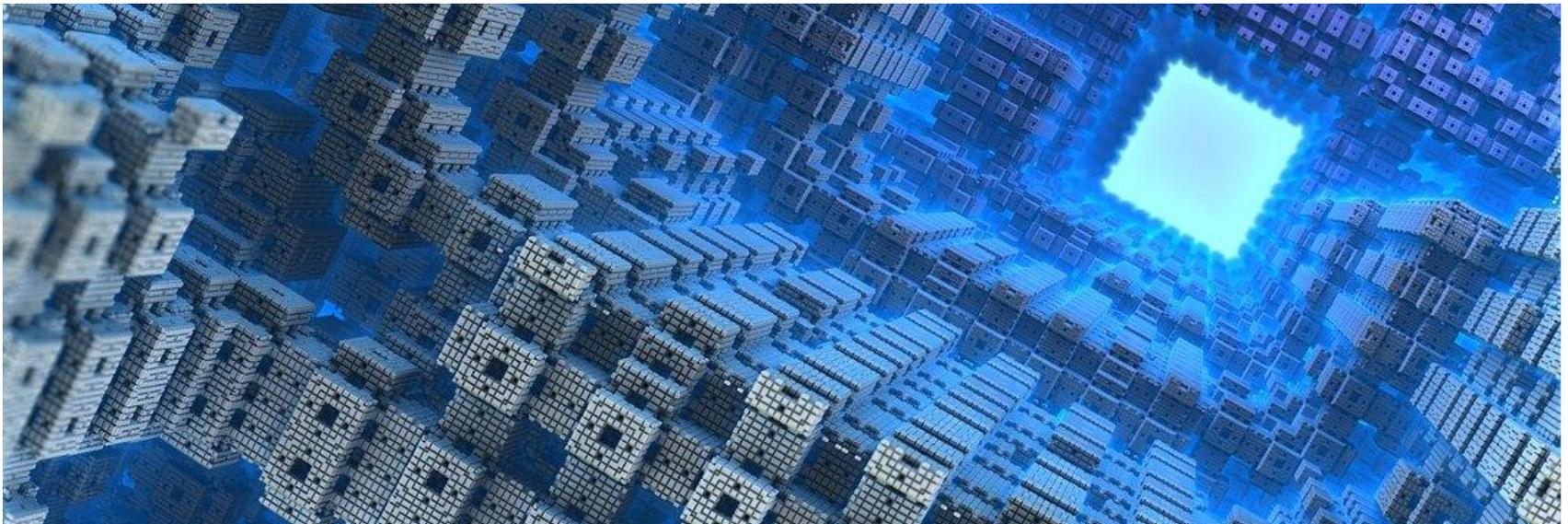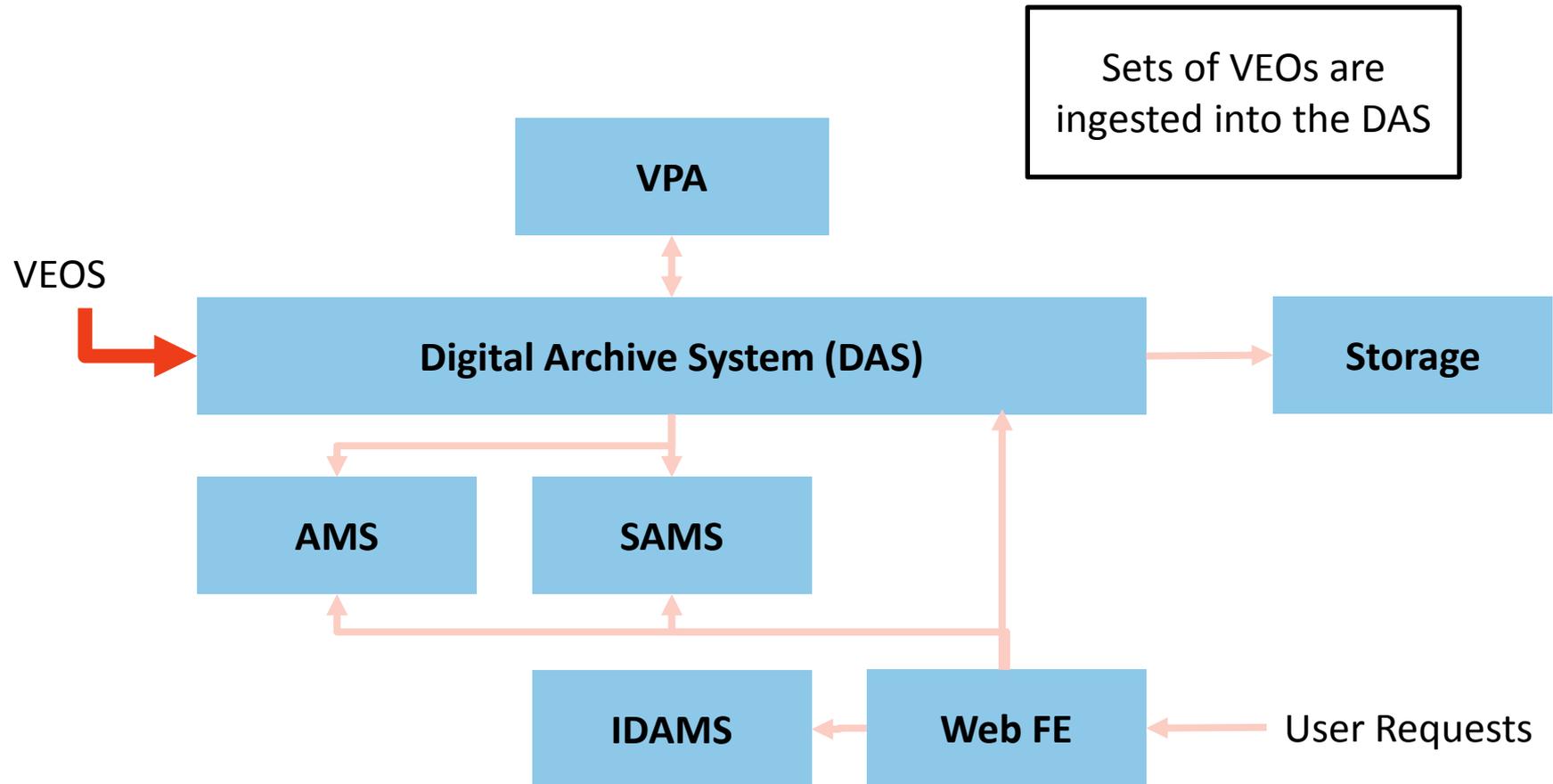
Function of the VPA

The VPA is designed to:

- Unpack VEOs
- Assign persistent identifiers to VEOs and records within them
- Validate VEOs, error messaging
- Pull info out of the VEOs to create packages for other modules, including:
  - AMS (descriptive metadata)
  - SAMS (content files for open records)
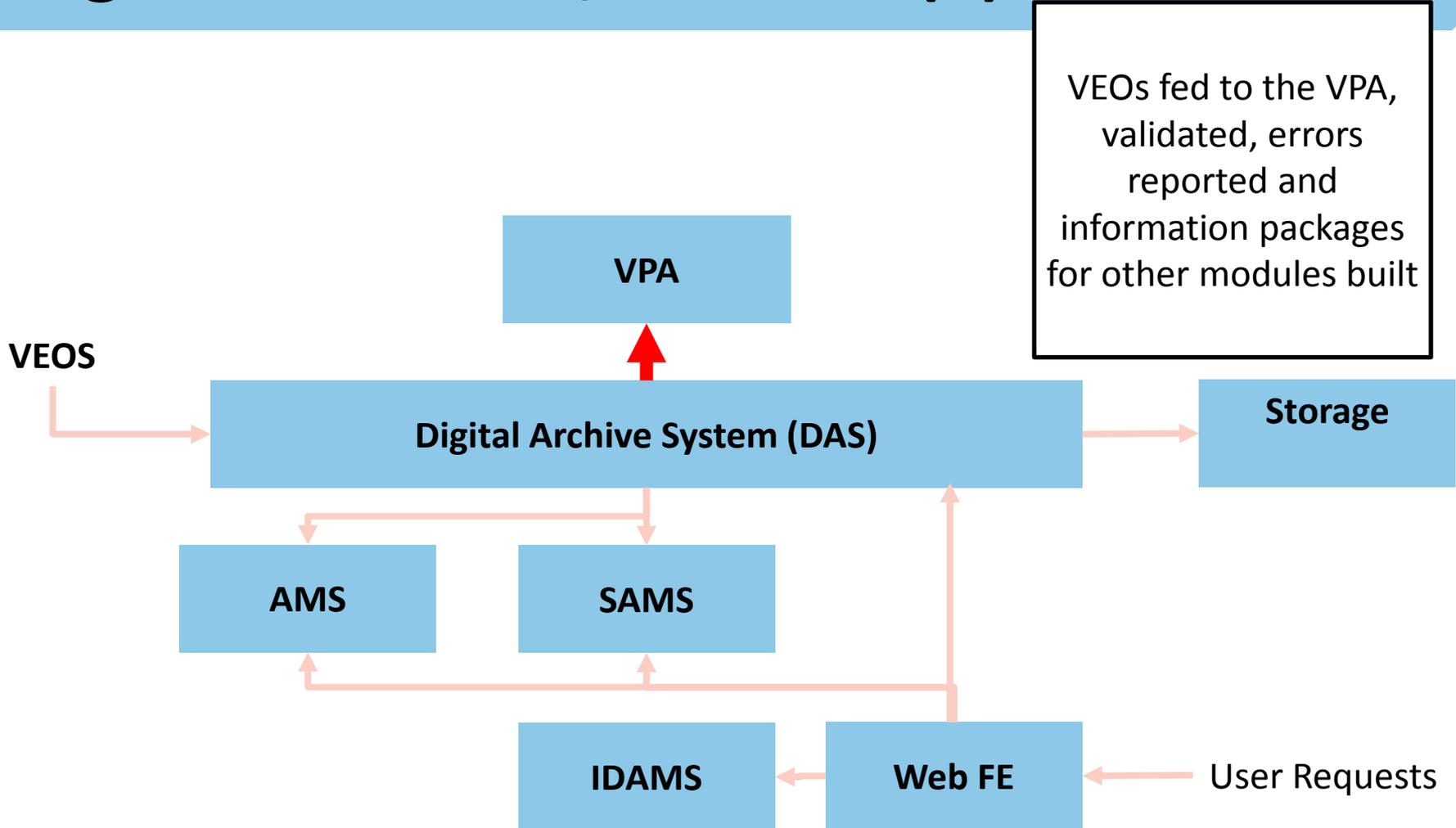 - DAS (the actual VEOs for storage).

VPA in relation to other DA Program systems

VPA

VEOS

DA Ingest Platform

Storage
(VEOS)

AMS

SAMS
(copies of open records)

IDAM and Website

User Requests

Ingest of new V2/V3 VEOs (1)

Sets of VEOs are ingested into the DAS

VPA

VEOS →

Digital Archive System (DAS)

Storage

AMS

SAMS

IDAMS

Web FE

User Requests

Ingest of new V2/V3 VEOs (2)

VEOs fed to the VPA, validated, errors reported and information packages for other modules built

VPA

VEOS

Digital Archive System (DAS)

Storage

AMS

SAMS

IDAMS

Web FE

User Requests
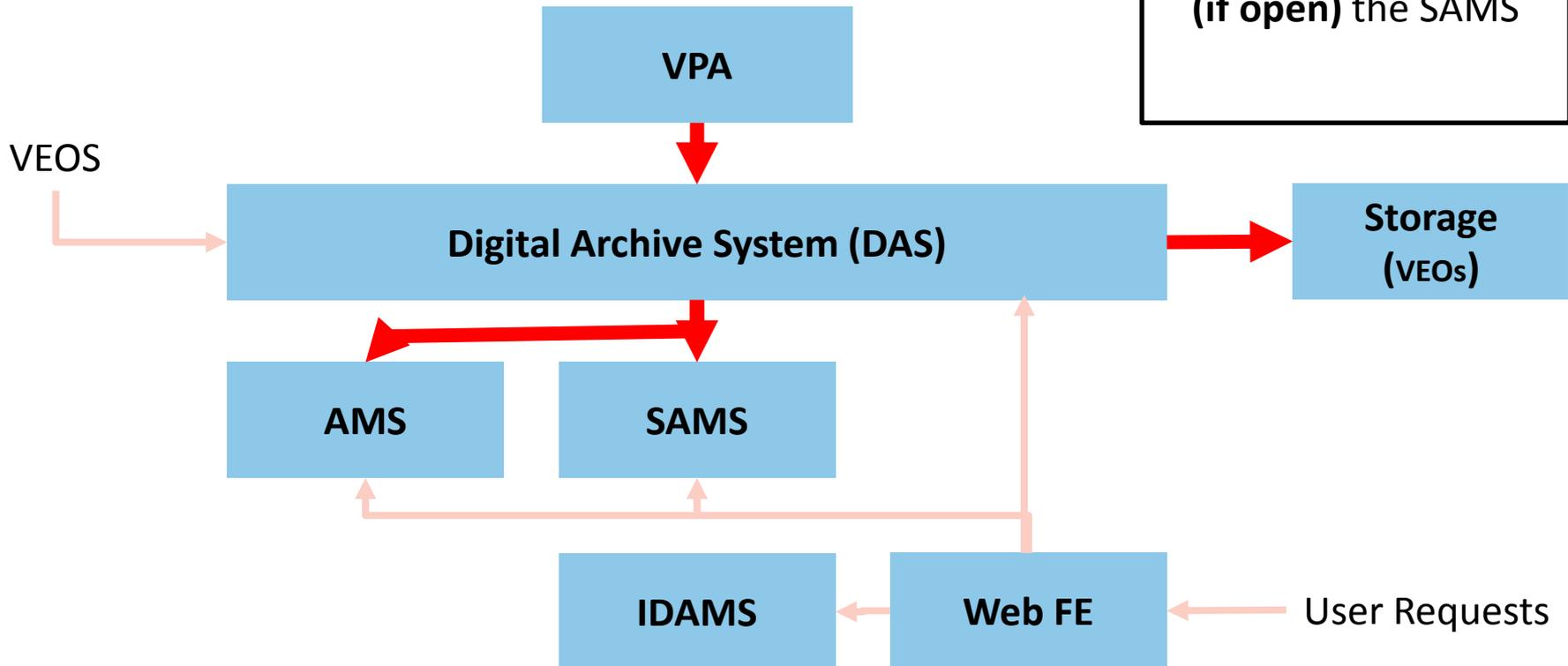
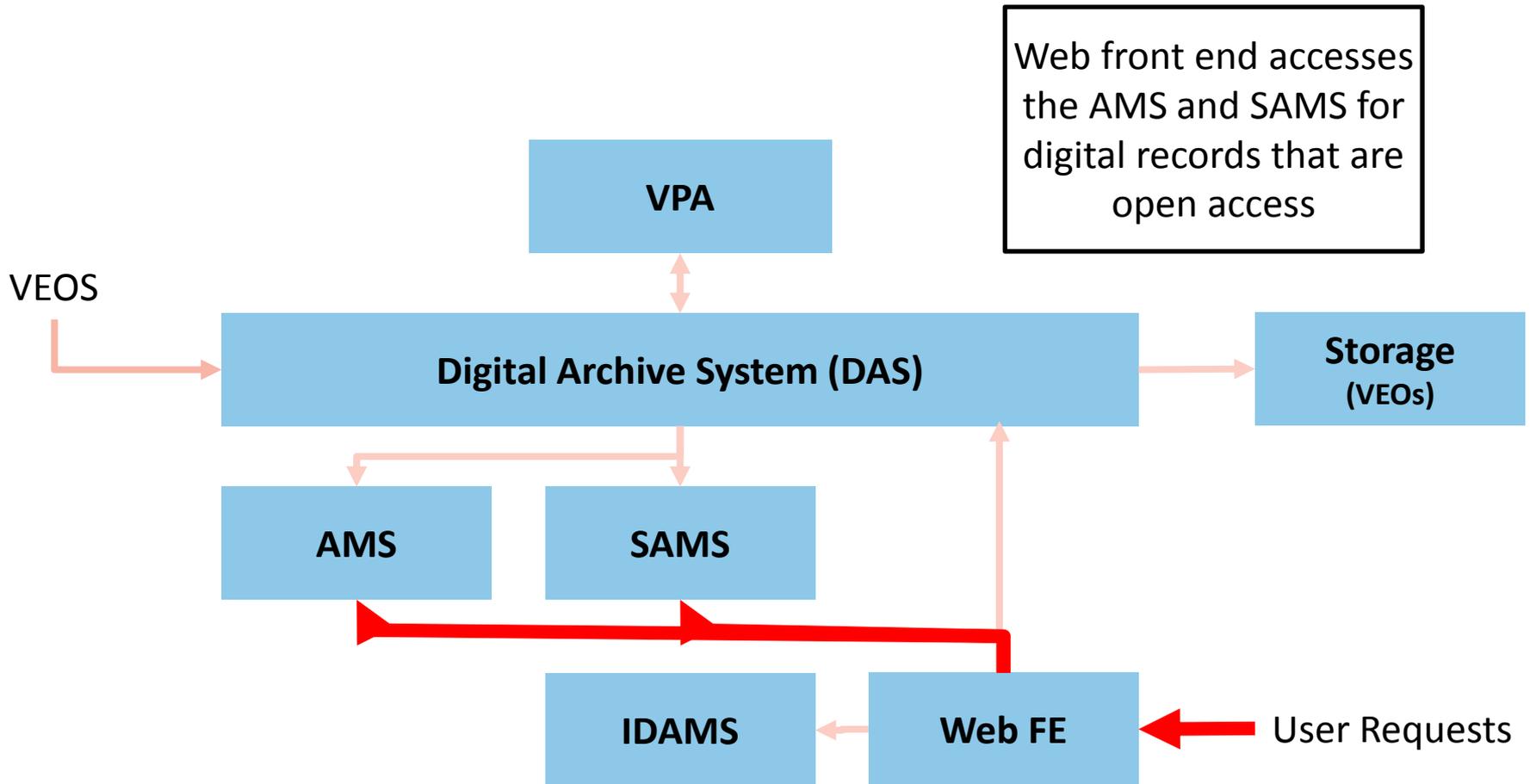# Ingest of new V2/V3 VEOs (3)

Packages are returned to DAS, and then fed to Digital Store, AMS, and **(if open)** the SAMS

VPA

VEOS

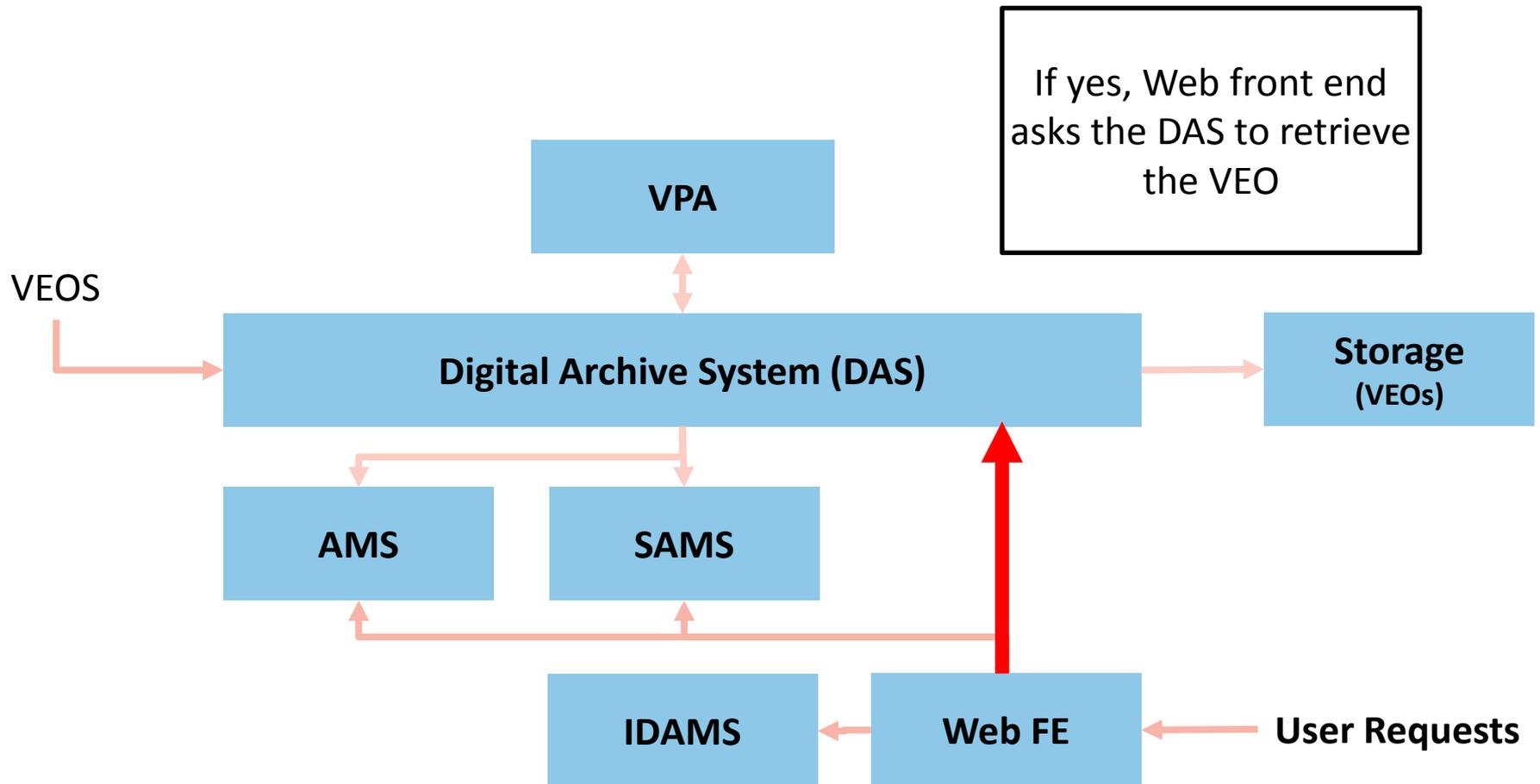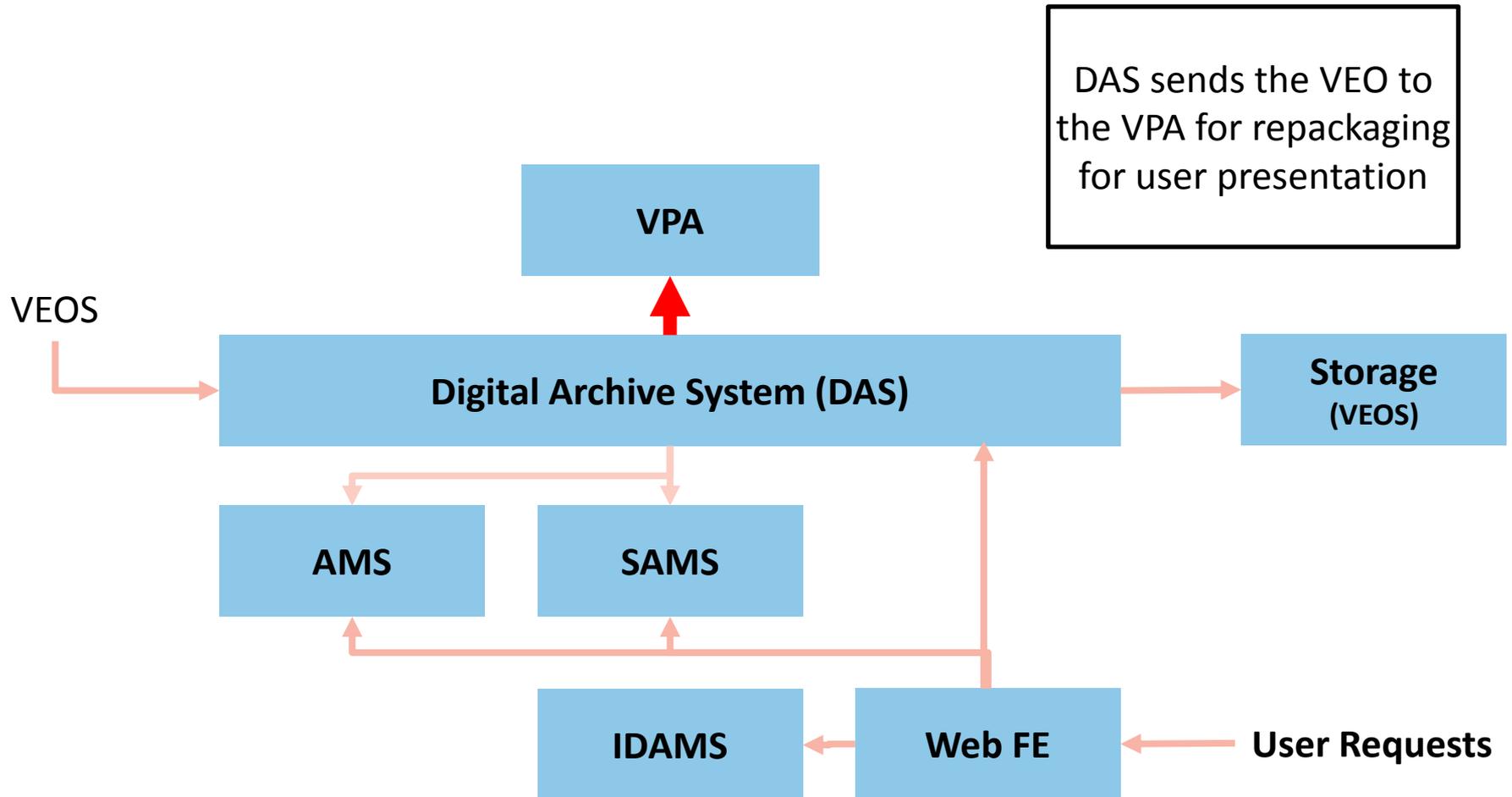Digital Archive System (DAS)

Storage (VEOs)

AMS

SAMS

IDAMS

Web FE

User Requests

VERS
Digital Forever

Public Record
Office Victoria

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State
Government

Access to Open Records

VPA

Web front end accesses the AMS and SAMS for digital records that are open access

VEOS

Digital Archive System (DAS)

Storage
(VEOs)

AMS

SAMS

IDAMS

Web FE

User Requests

Access to closed records (1)
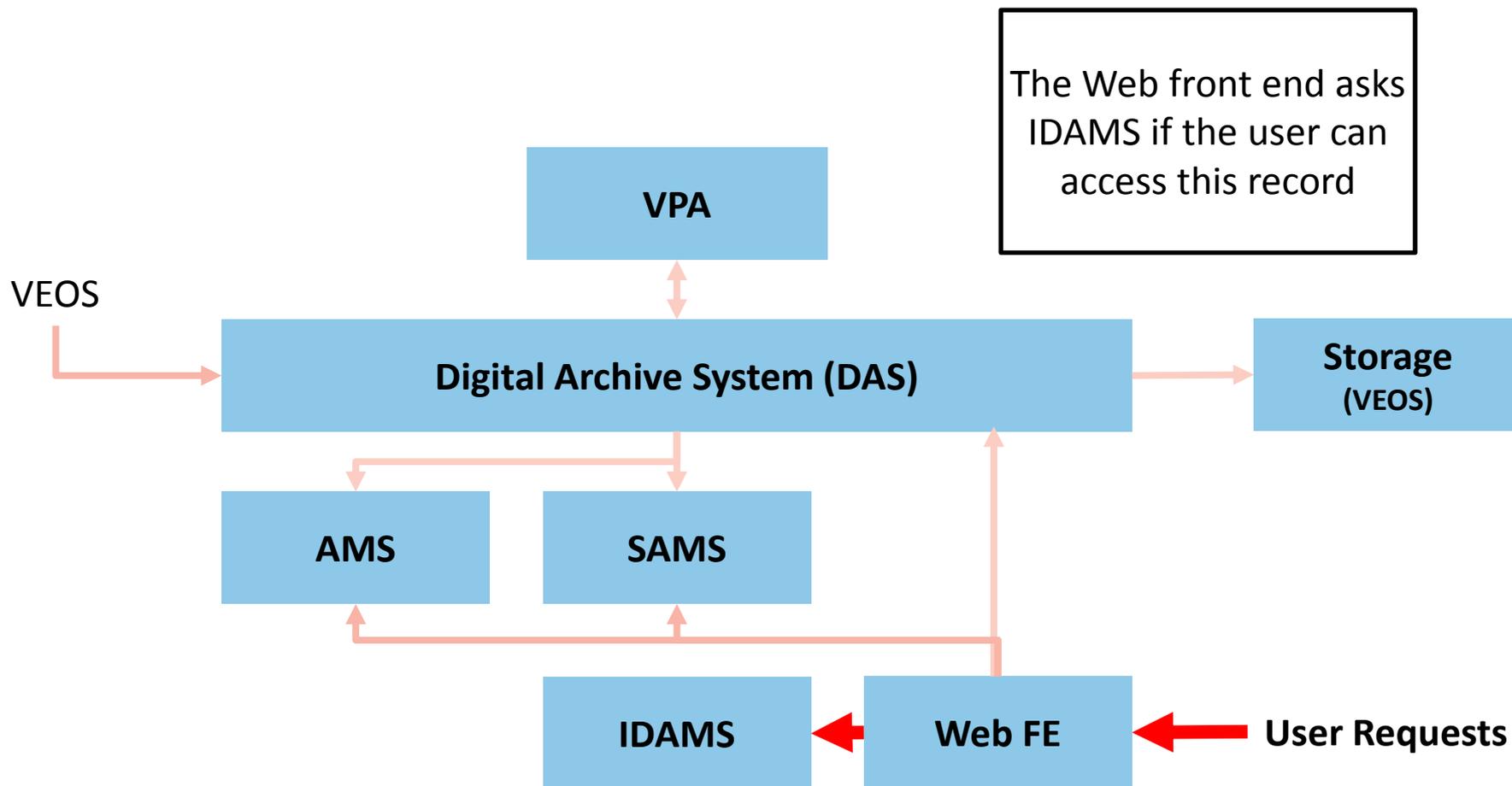
Access to Closed Records (2)

Access to closed records (3)

DAS sends the VEO to the VPA for repackaging for user presentation

VPA

VEOS

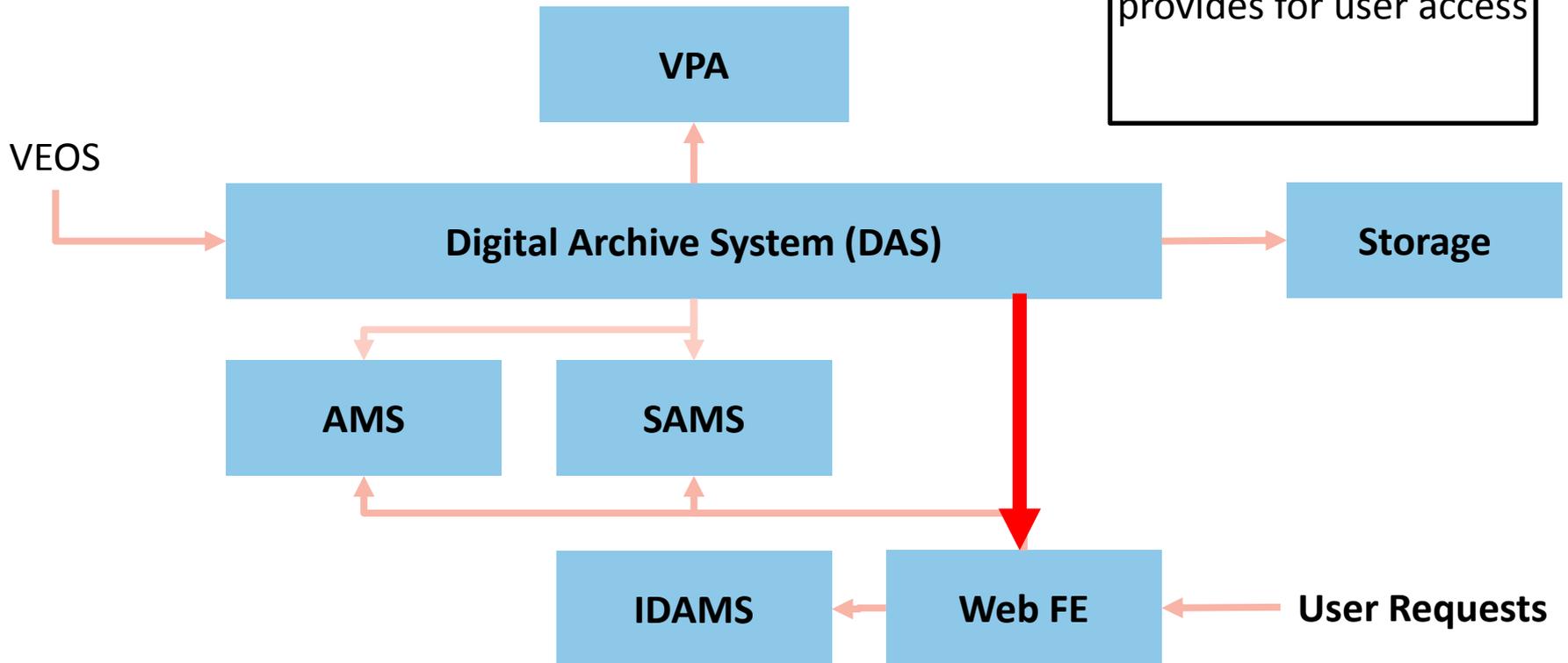Digital Archive System (DAS)

Storage (VEOS)

AMS

SAMS

IDAMS

Web FE

User Requests

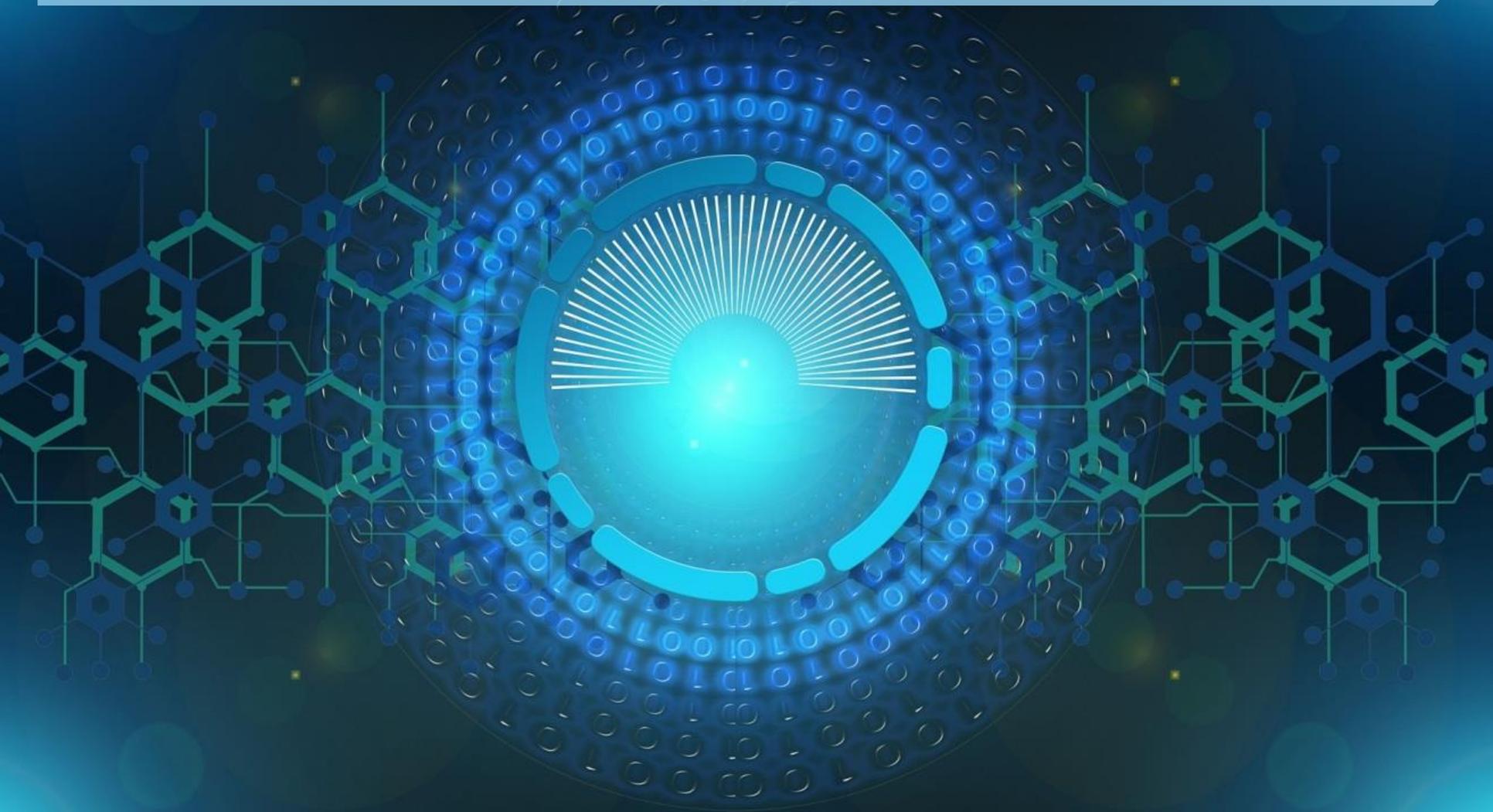# Access to closed records (4)

DAS sends the repackaged content to the Web front end, & provides for user access

VPA

VEOS

Digital Archive System (DAS)

Storage

AMS

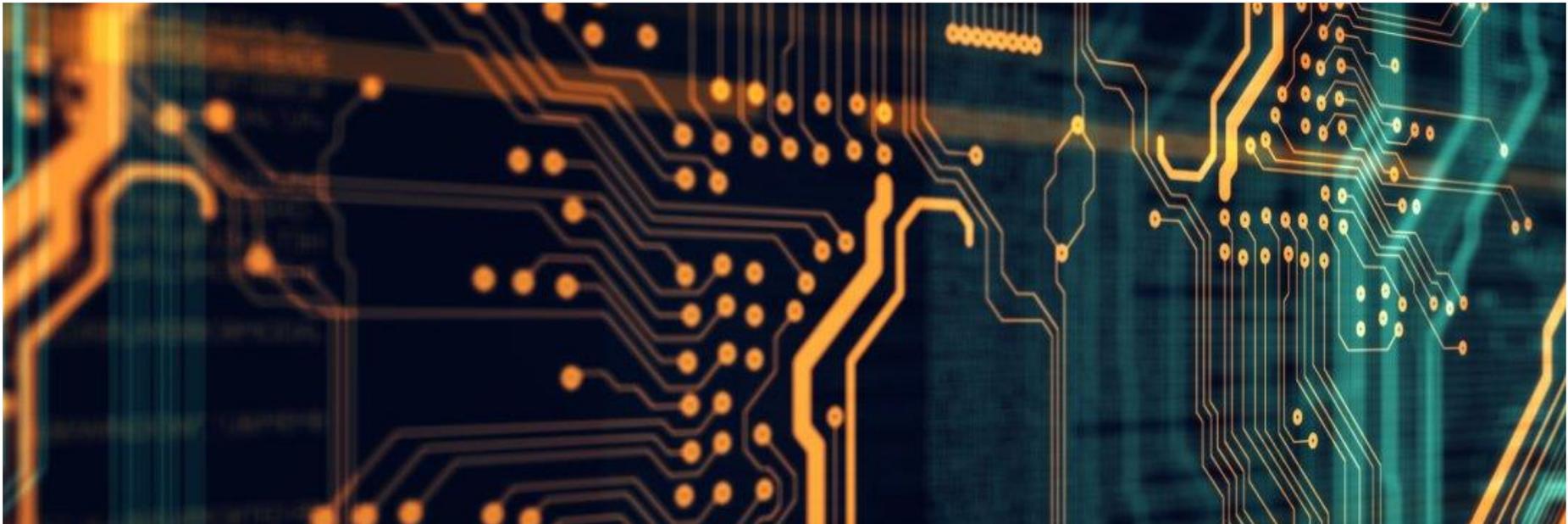SAMS

IDAMS

Web FE

User Requests

Part 3: Conclusion

Next steps for the VPA

- PROV will evolve the VPA as other systems of the DA Program are implemented during 2018/19.
- "Go live" in early 2019

Questions?

More information

https://www.prov.vic.gov.au/recordkeeping-government/

Julie McCormack, A/g Senior Manager Government Recordkeeping
Julie.McCormack@prov.vic.gov.au

Andrew Waugh, Digital Records Technical Advisor
Andrew.Waugh@prov.vic.gov.au