

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)

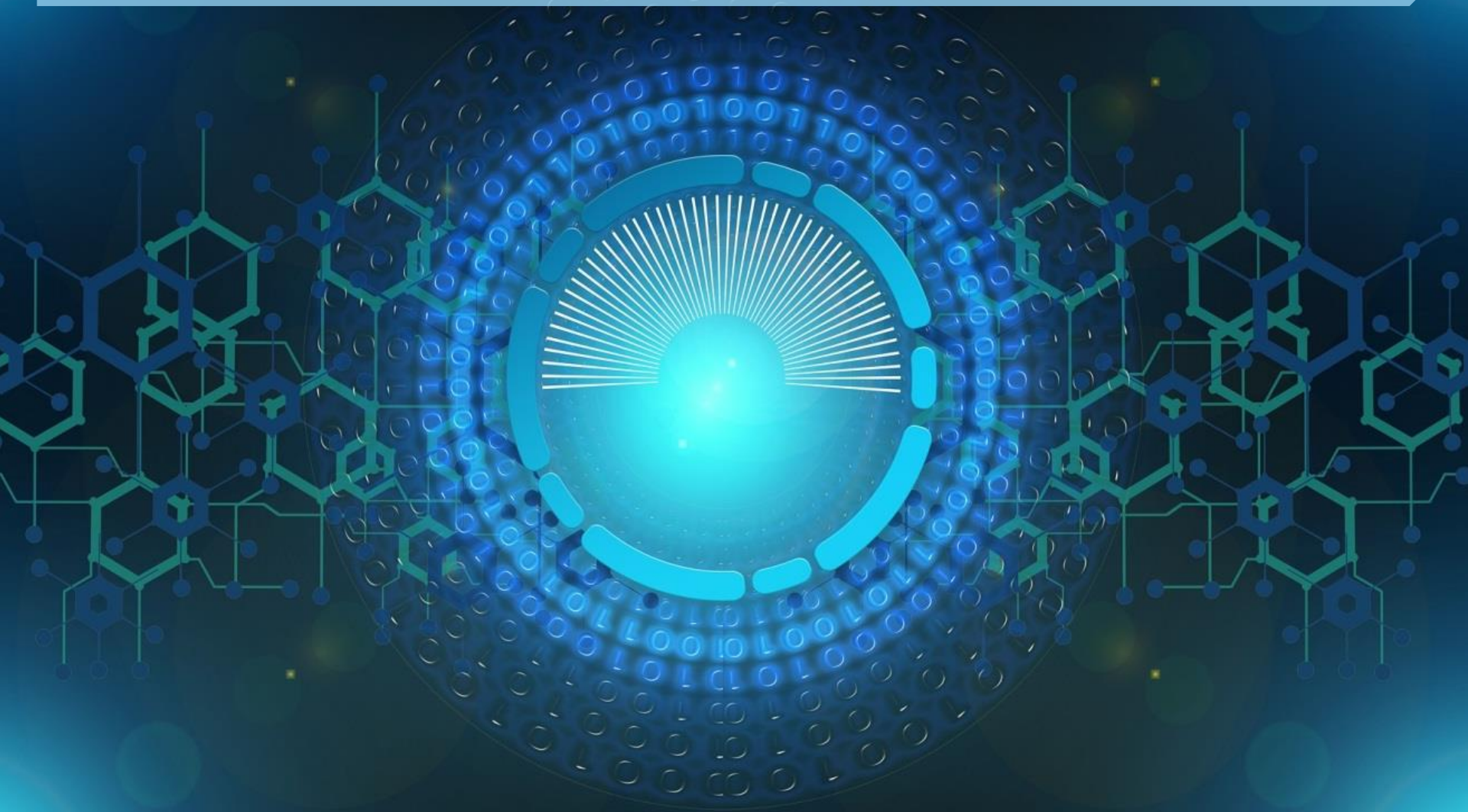
Part 2: About the VEO Processing Application (VPA)

- 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.



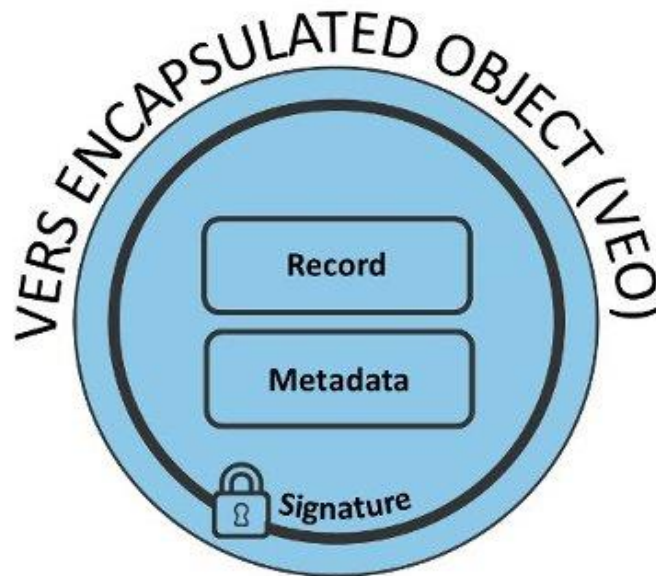
Victorian Electronic
Records Strategy

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.



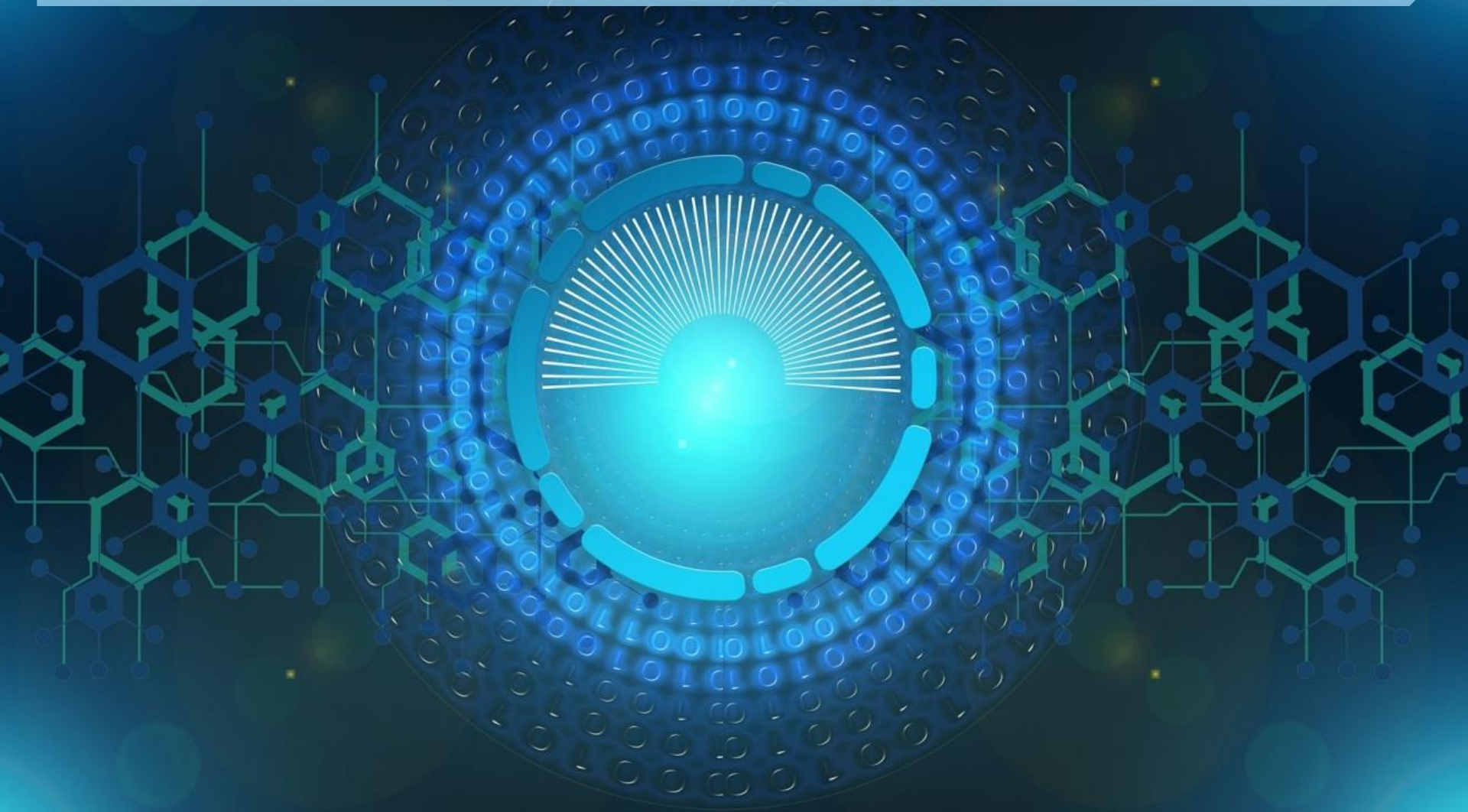
Digital Archive Program

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).



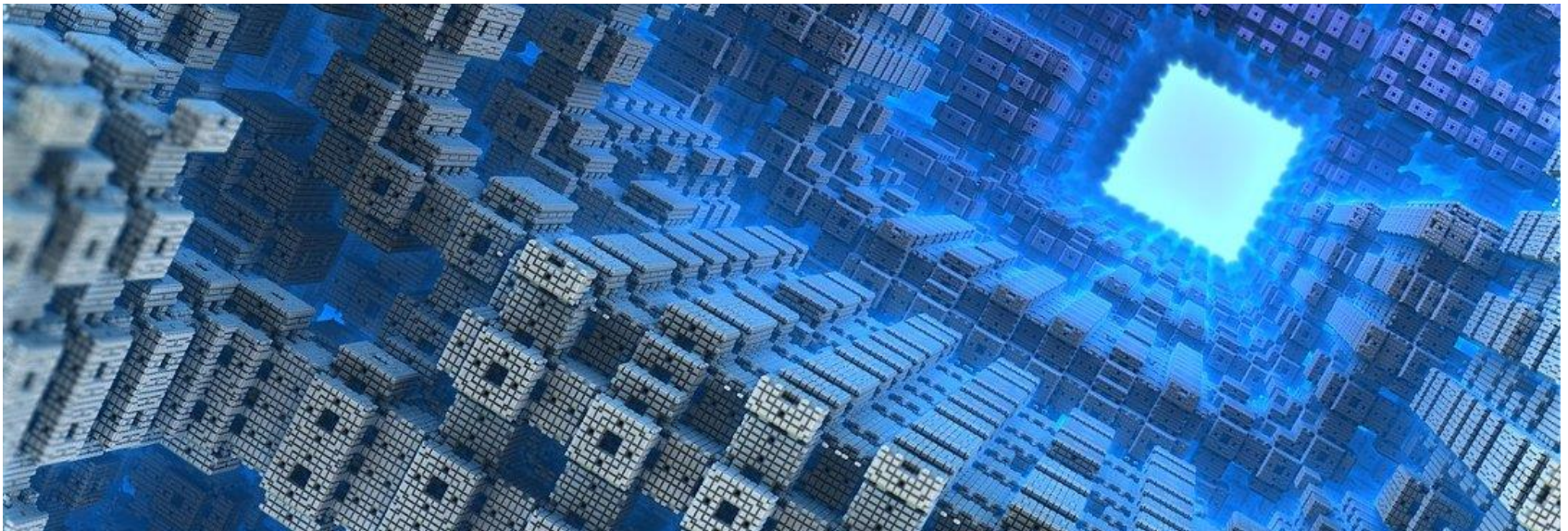
Part 2: About the VEO Processing Application



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

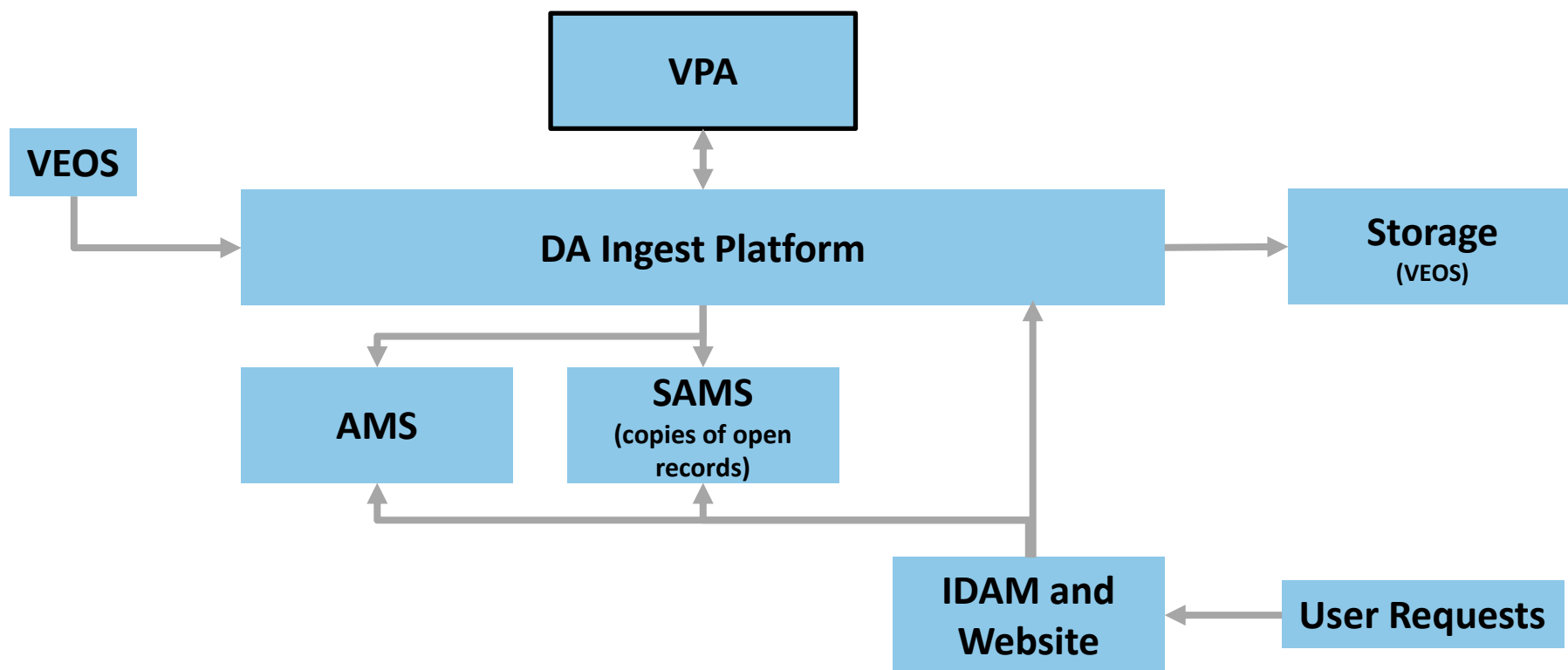


Function of the VPA

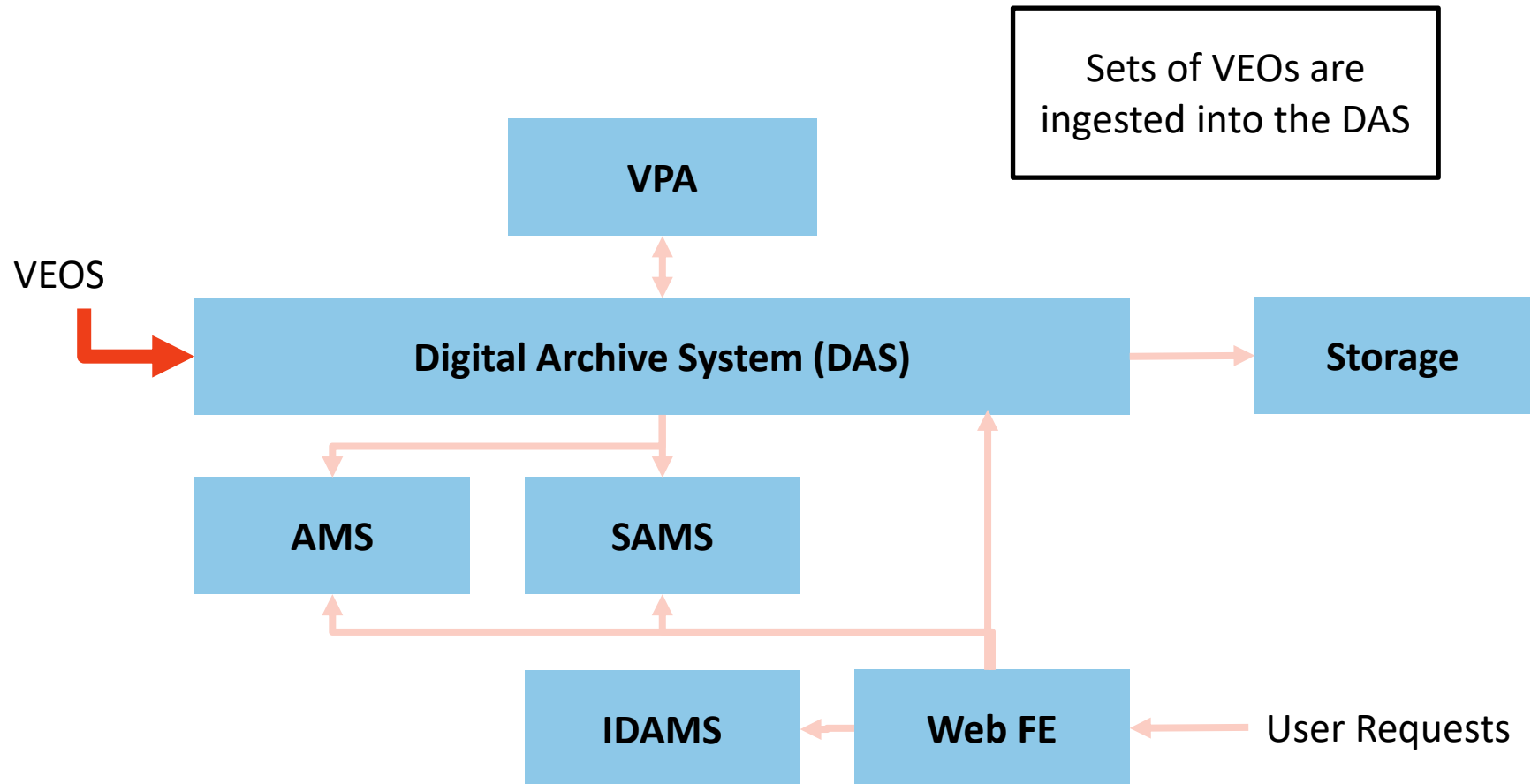
The VPA is designed to:

- 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).

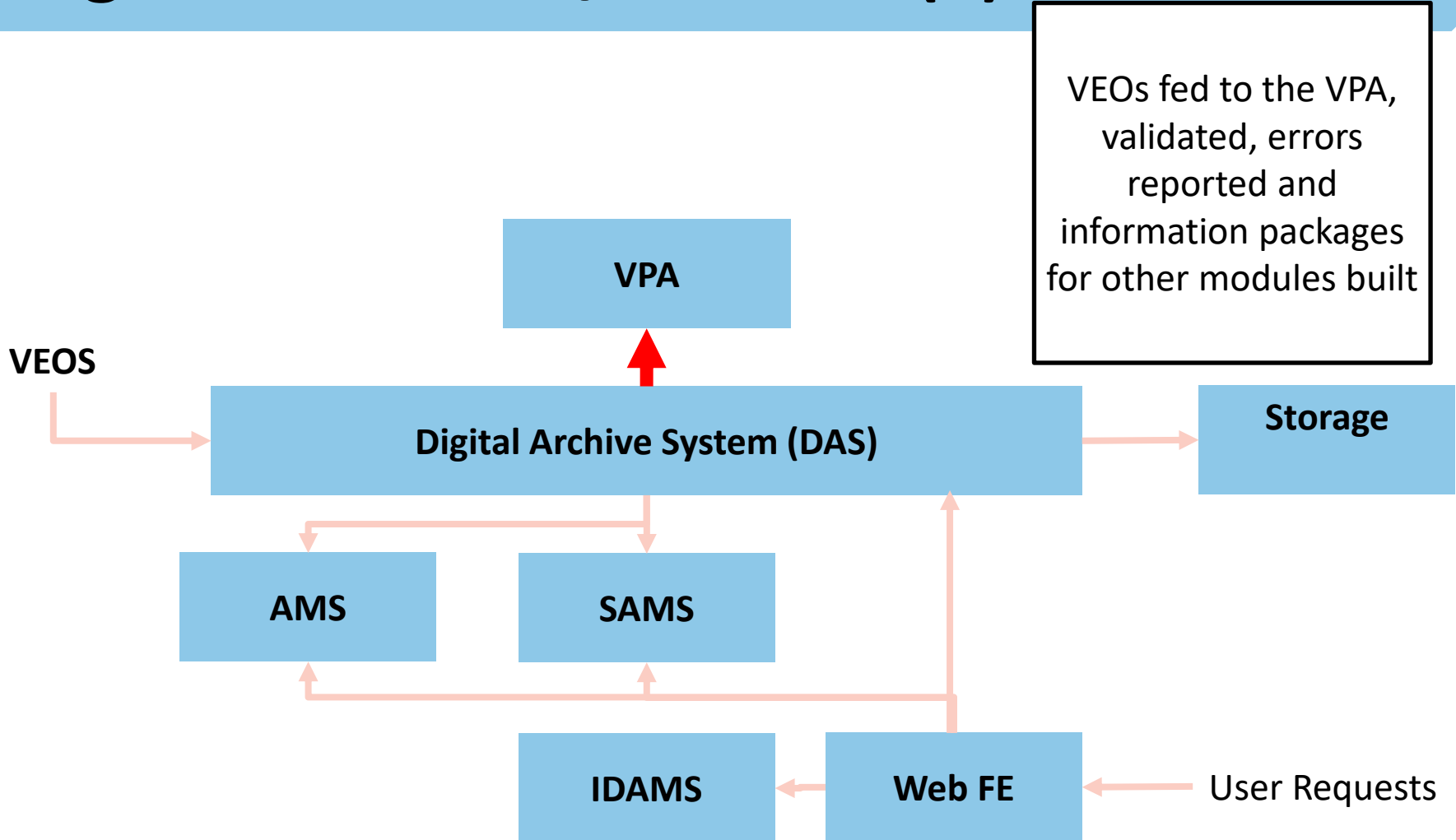
VPA in relation to other DA Program systems



Ingest of new V2/V3 VEOs (1)



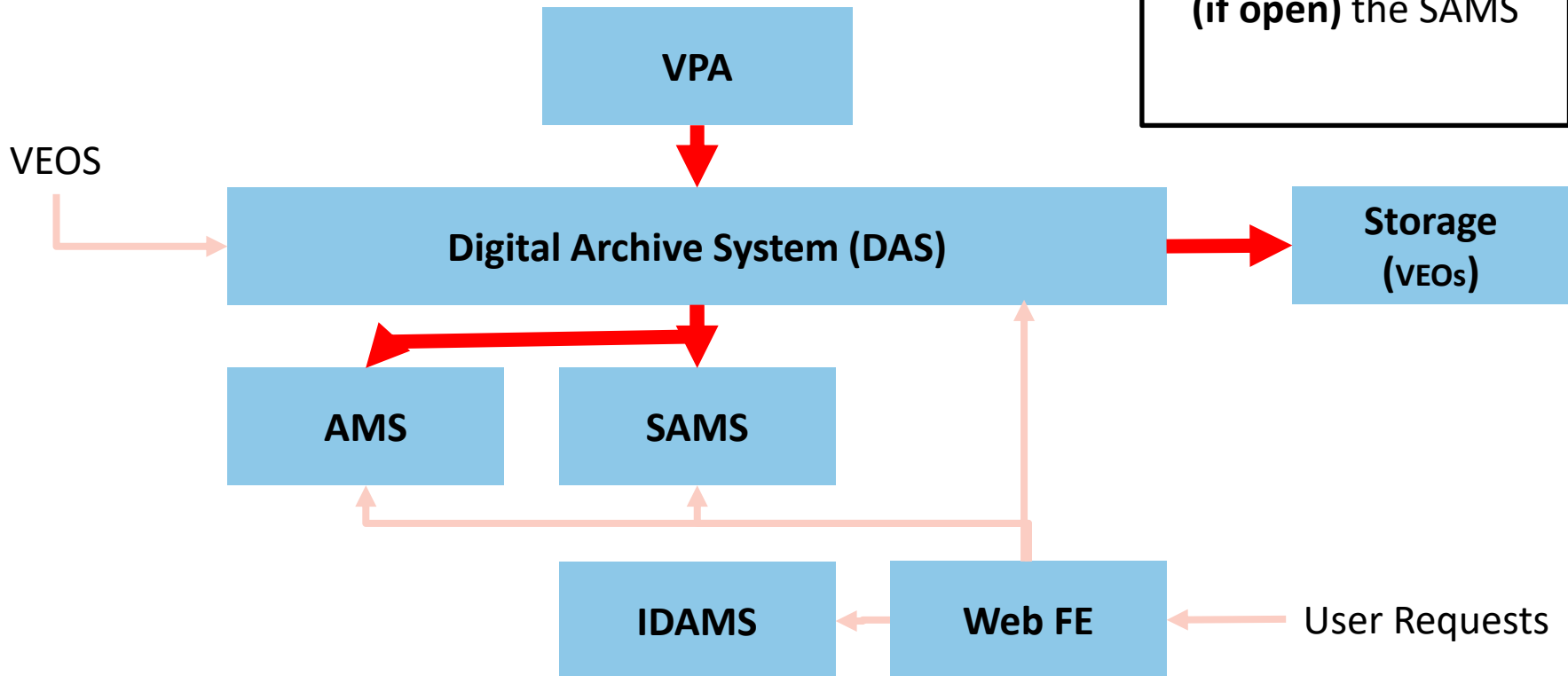
Ingest of new V2/V3 VEOs (2)



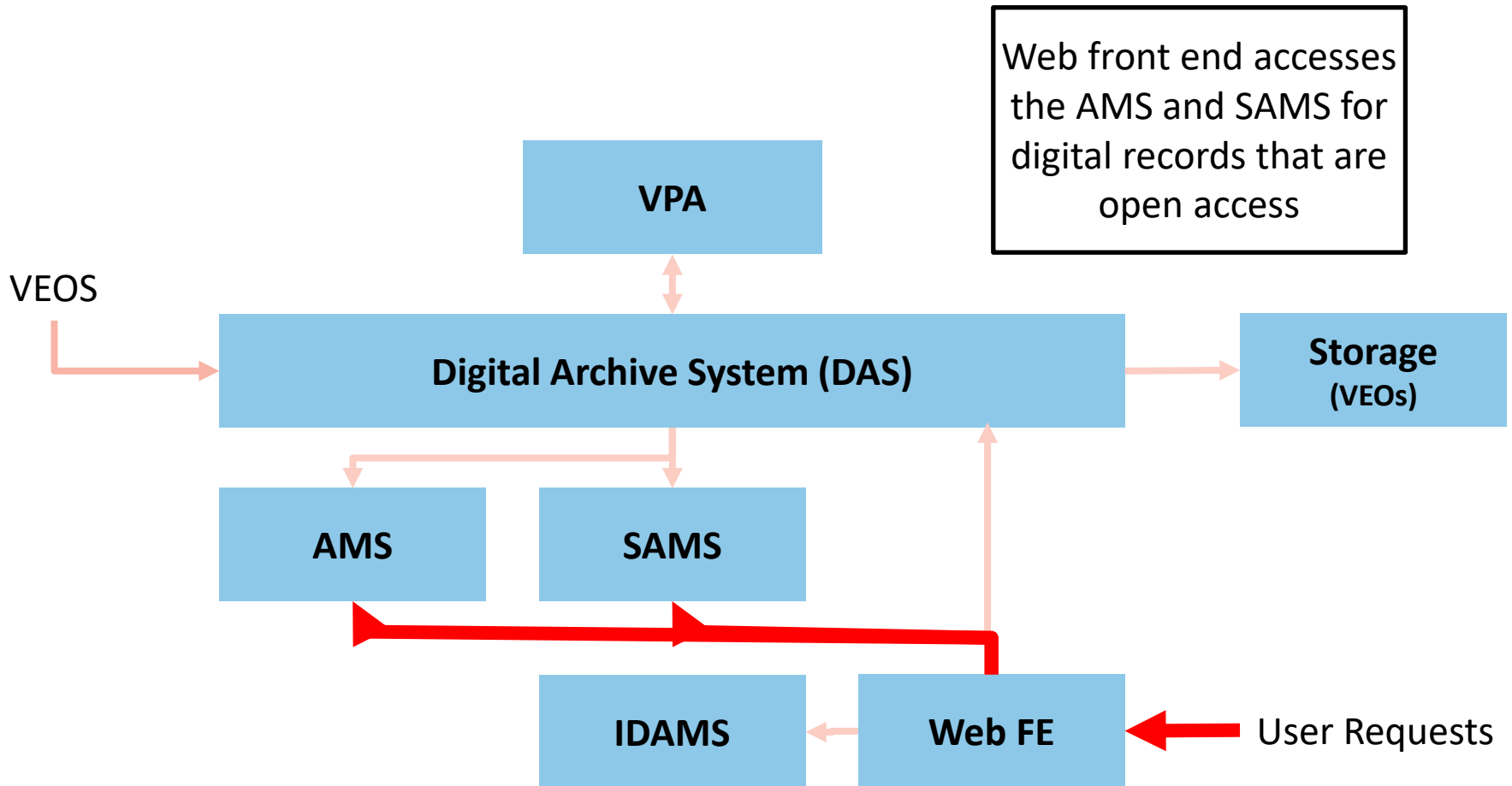
VEOs fed to the VPA, validated, errors reported and information packages for other modules built

Ingest of new V2/V3 VEOs (3)

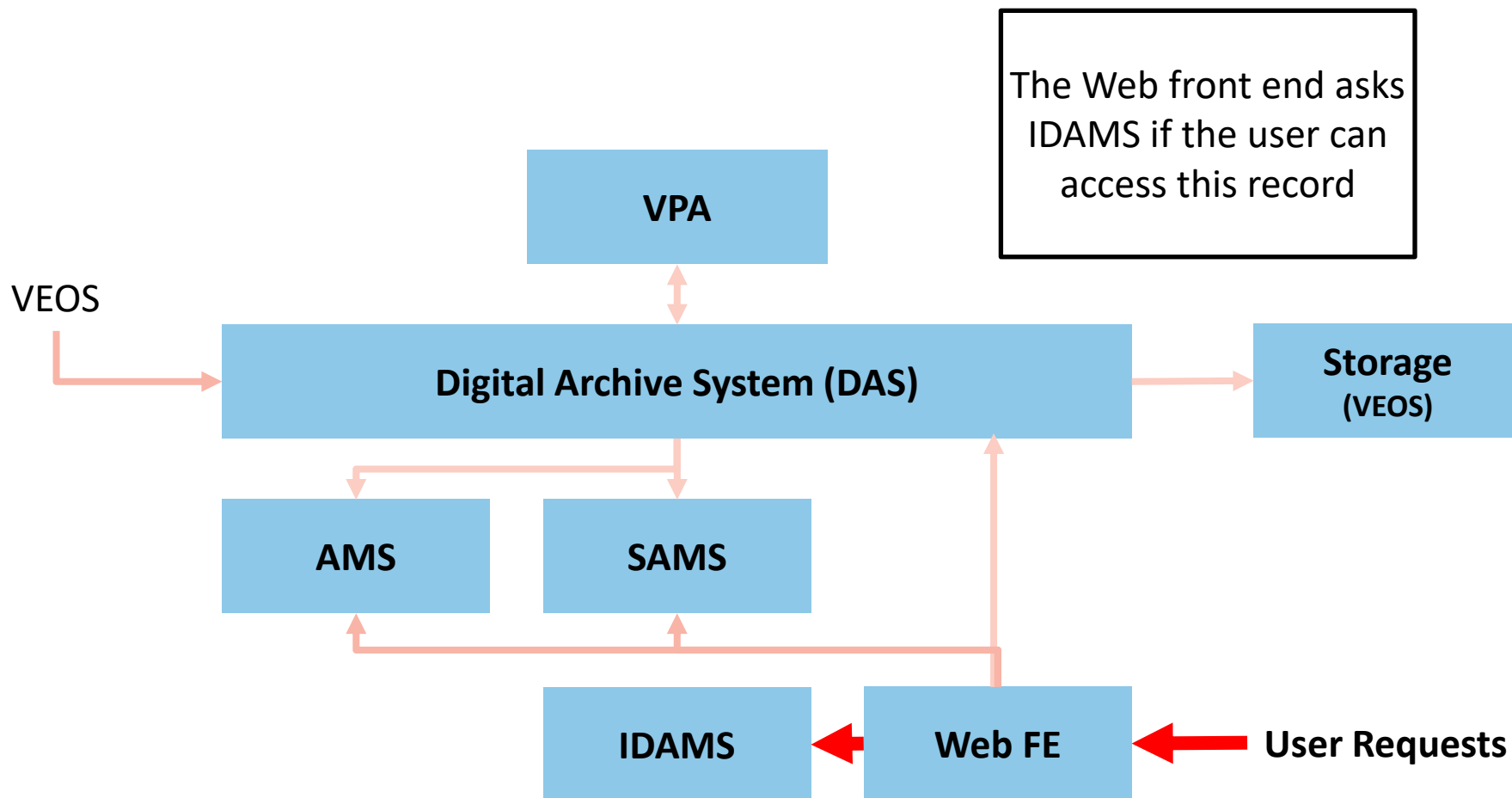
Packages are returned to DAS, and then fed to Digital Store, AMS, and **(if open)** the SAMS



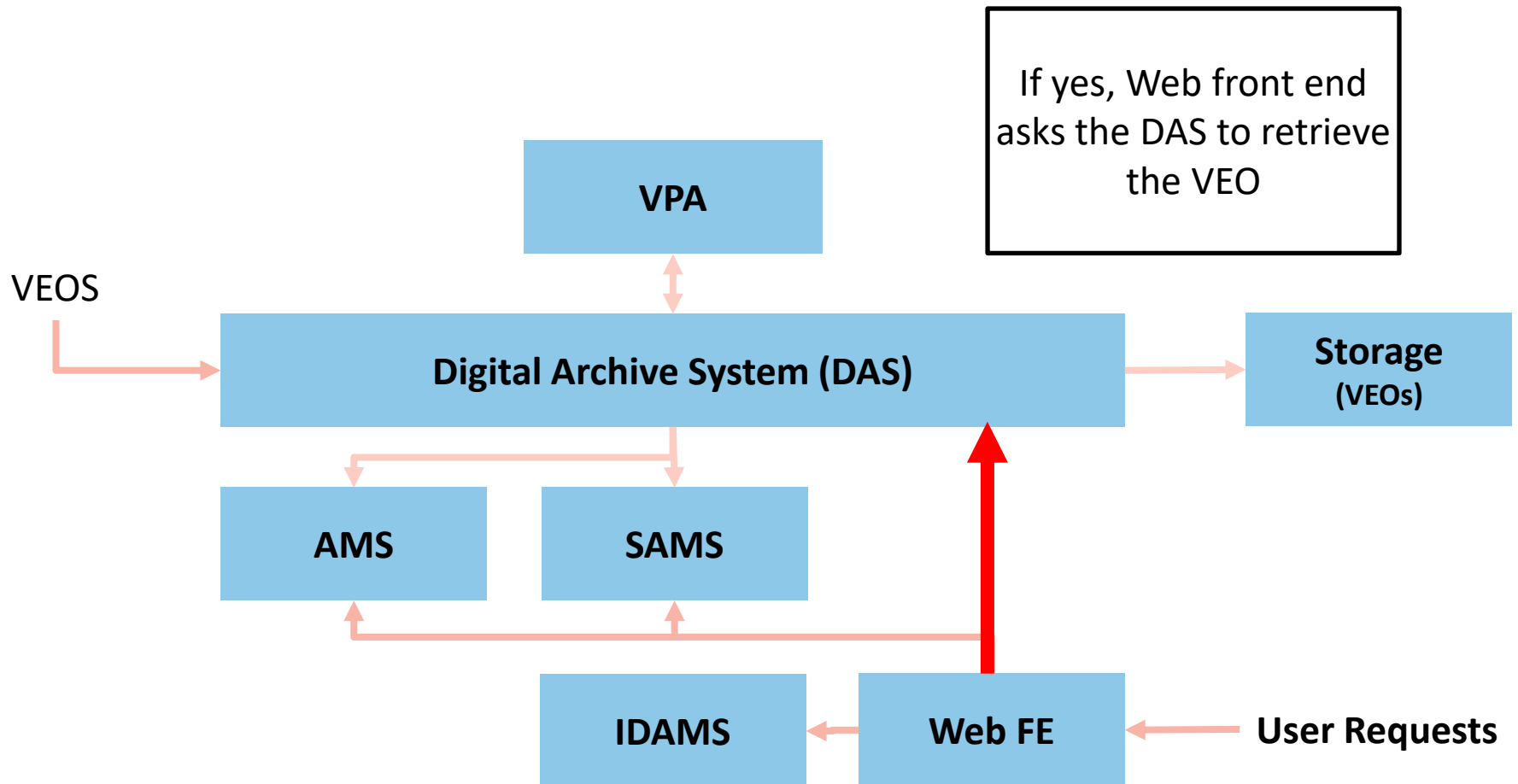
Access to Open Records



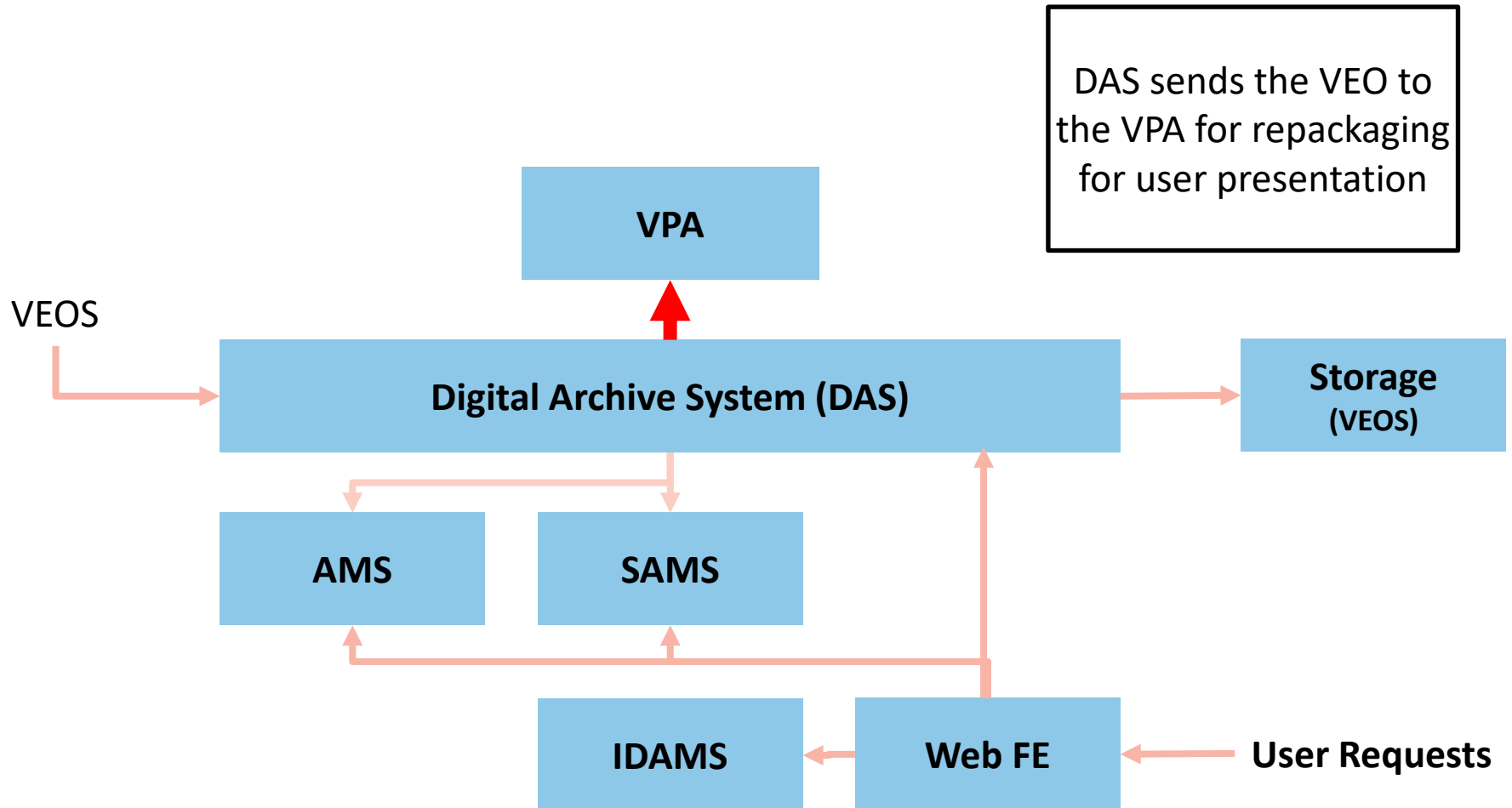
Access to closed records (1)



Access to Closed Records (2)

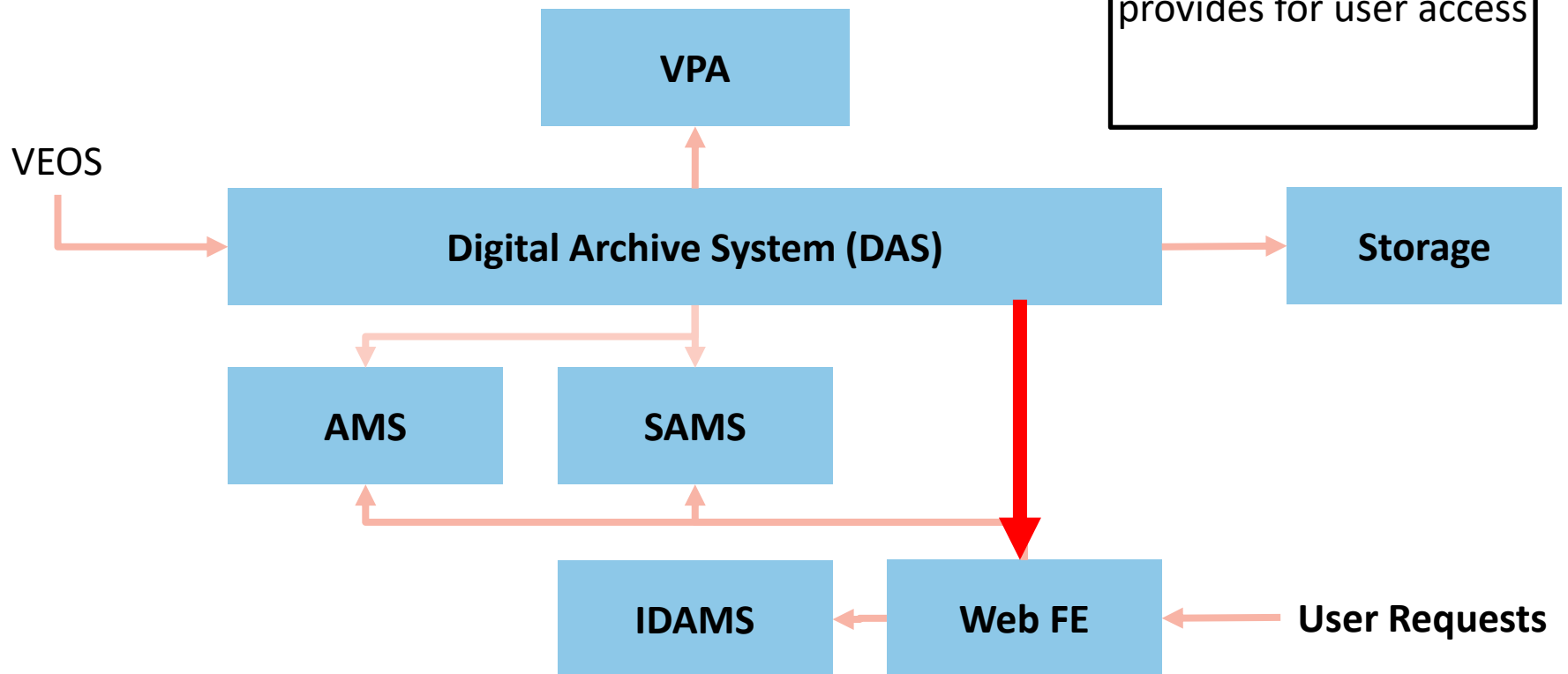


Access to closed records (3)

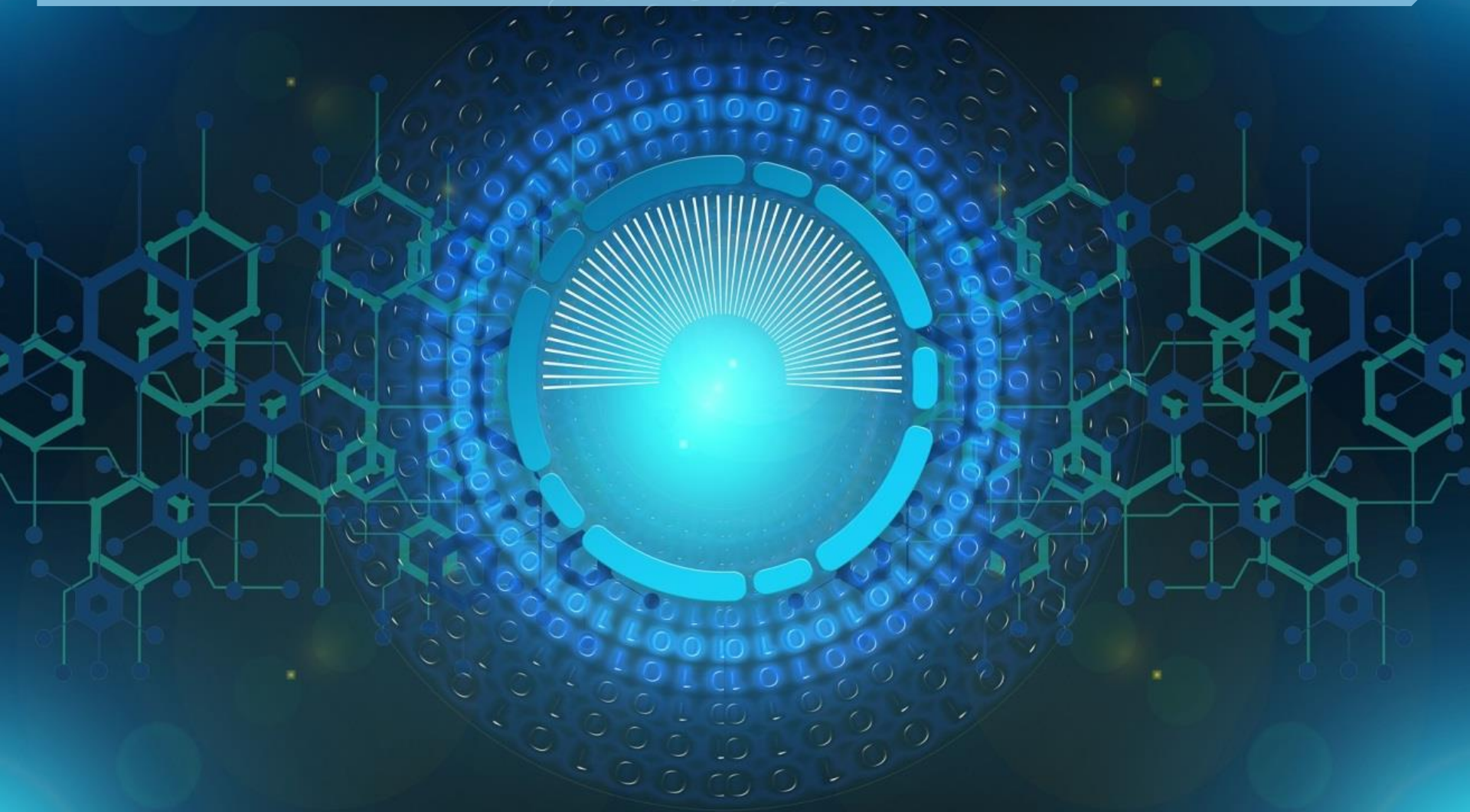


Access to closed records (4)

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

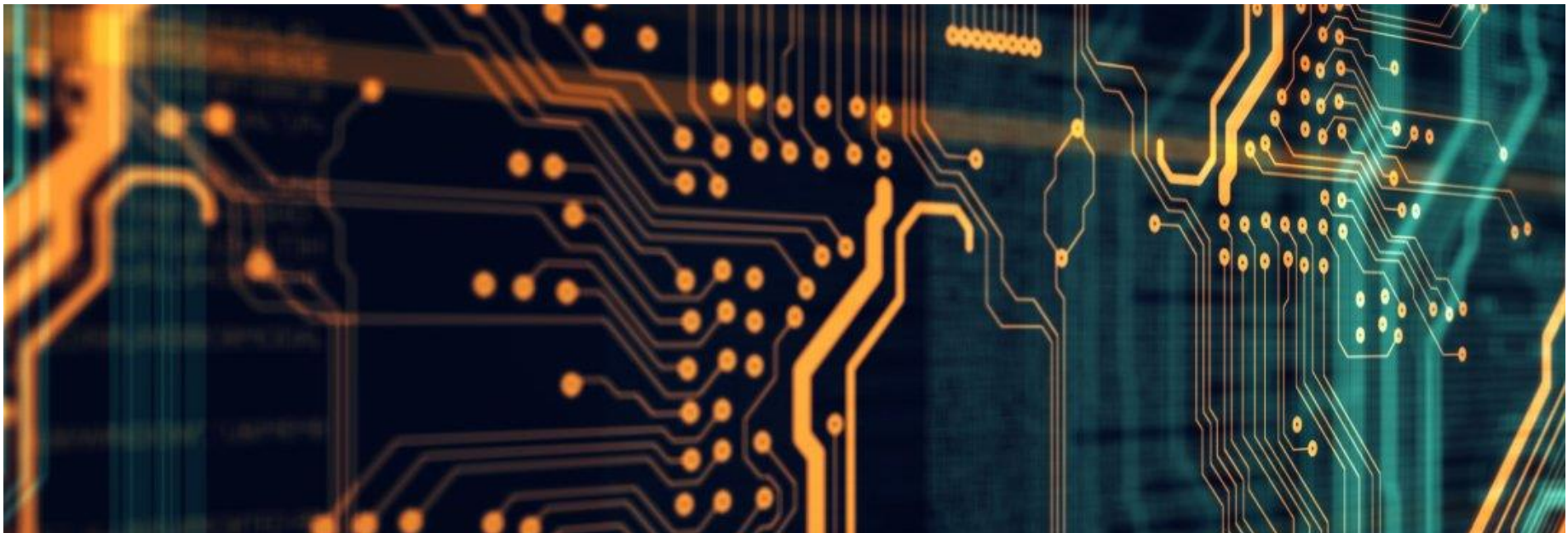


Part 3: Conclusion



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