Person Data and the EDE Project

Kevin Ammons, PMP
Program Manager

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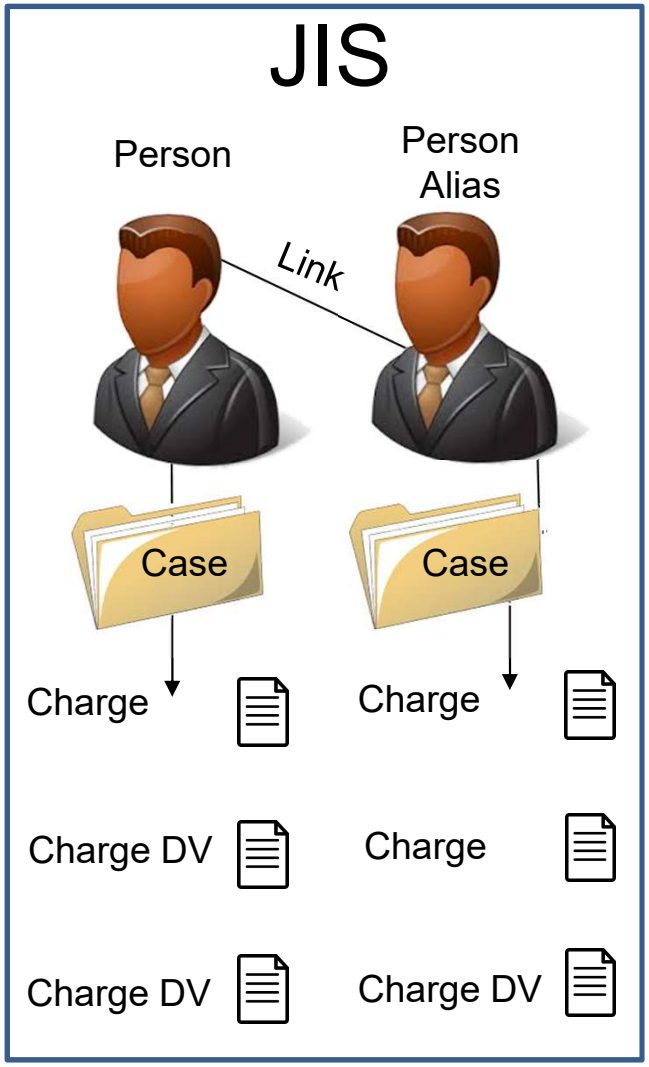
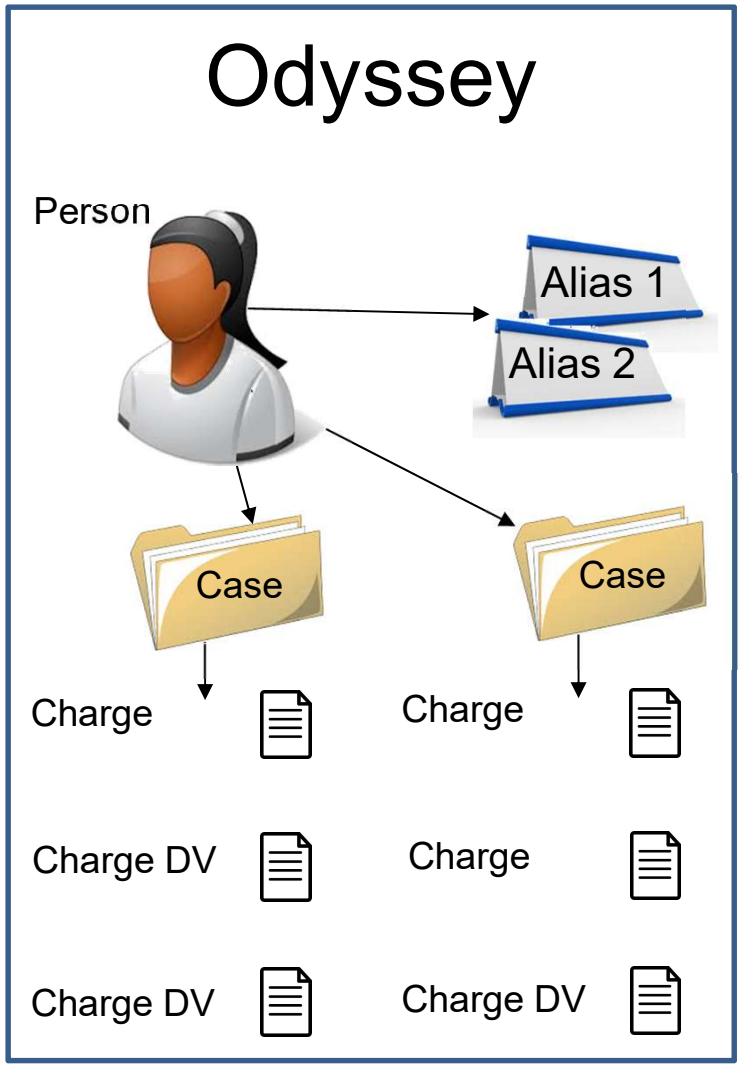
Person – Case Relationships

- JIS Persons are person records with different names and/or other data
- They are linked by a "pointer" within the record
- JIS systems understand the function of the pointer and will return person and case data related to the alias
- Each person record can have multiple cases it is associated with



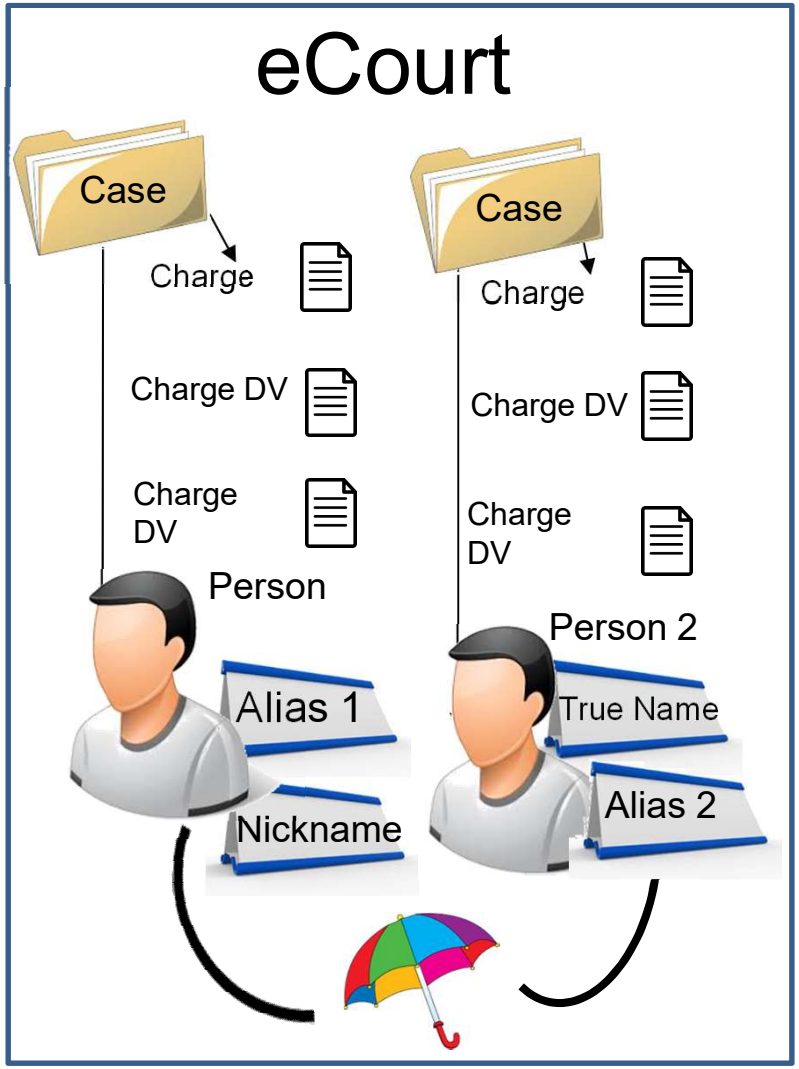
Person – Case Relationships

- Odyssey Persons are person records with different names and/or other data
- Aliases are additional data elements within the person records
- Odyssey aliases do not have separate cases associated just with the alias
- Each person record can have multiple cases it is associated with



Person – Case Relationships

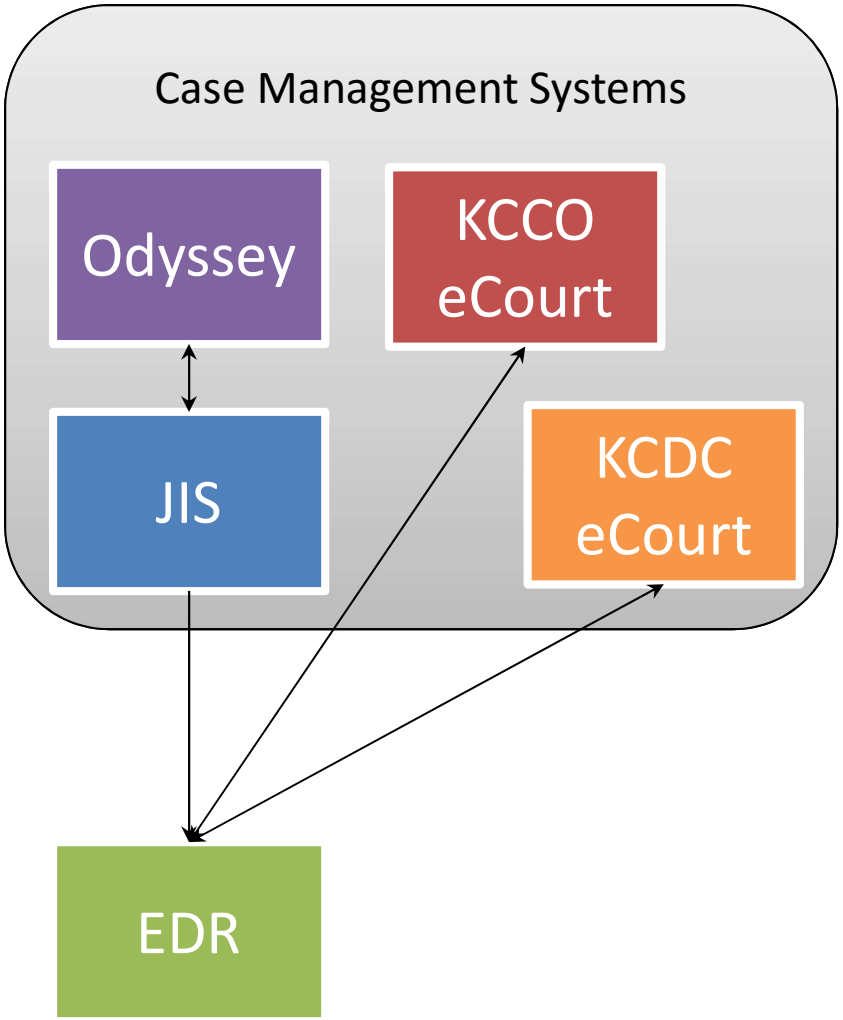
- eCourt is a case-based system
- eCourt persons records are associated with only one case, even if the person data is identical
- KCCO plans to link records by an umbrella ID which they plan to define before the end of October
- Linked records can have different data in every field
- Alias, nickname, and true name are just labels that do not have cases attached to them



Lazy Load

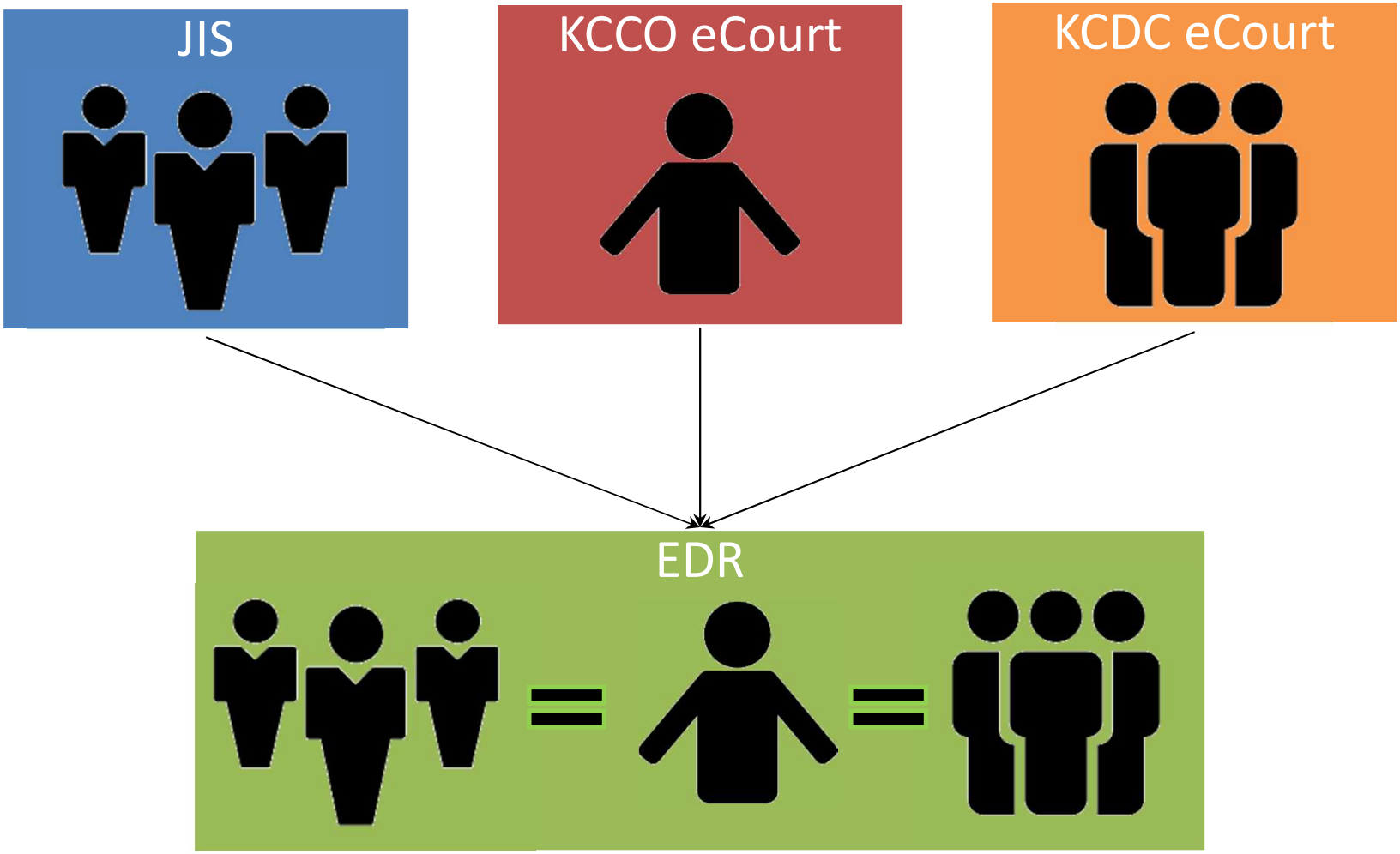
- KCCO plans to use “Lazy Load” method to provide updated case and person data after they implement eCourt
- This will leave all of the KCCO cases in the JIS database until an update happens
- When a case is updated, KCCO will send the case and person records to the EDR
- AOC will receive case numbers from cases sent to the EDR and remove the cases from JIS
- Any KCCO updates to existing JIS person records **will not** flow into JIS

Person Data Management



- Person data management primarily occurs in each CMS
  - Odyssey, JIS, KCCO, and KCDC
  - Synchronization occurs between JIS and Odyssey
- Person updates in JIS/Odyssey will not automatically appear in either KCCO or KCDC eCourt
- Person updates in KCCO or KCDC eCourt will not automatically appear in JIS/Odyssey
- Persons are not matched across case management systems

Goal of Person Matching

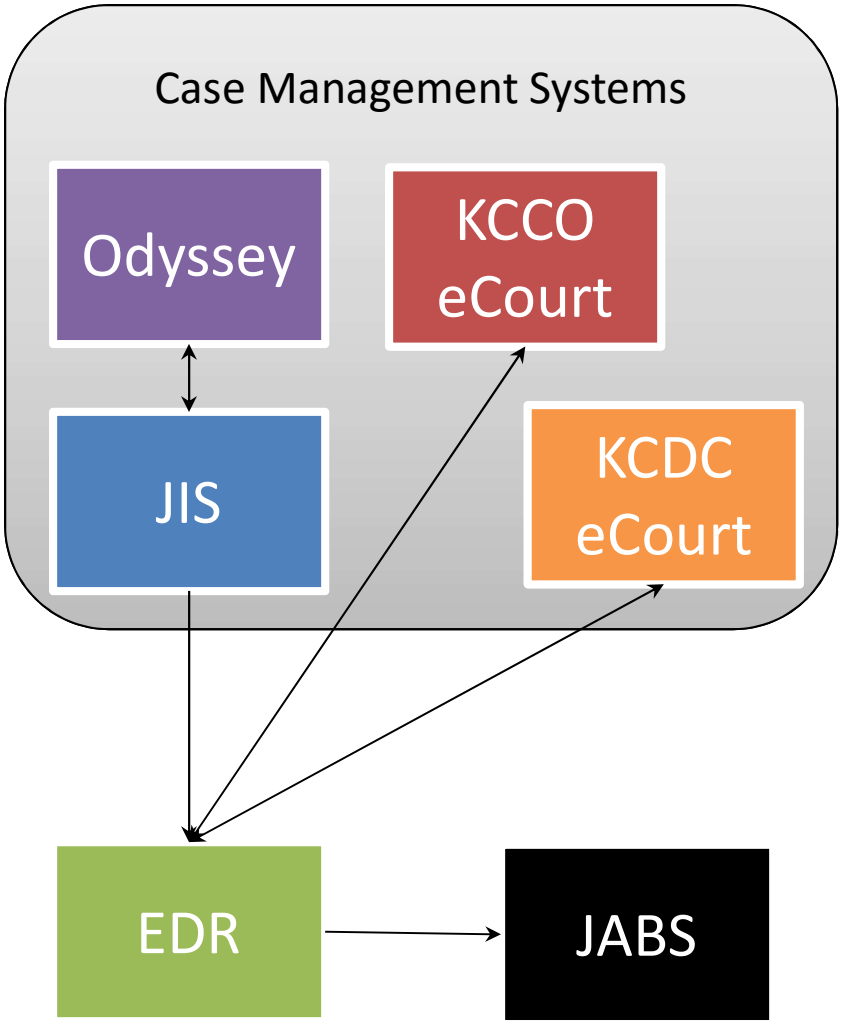


Person Matching in the EDR

- Multi-level approach that will require continuing work to improve and fine tune

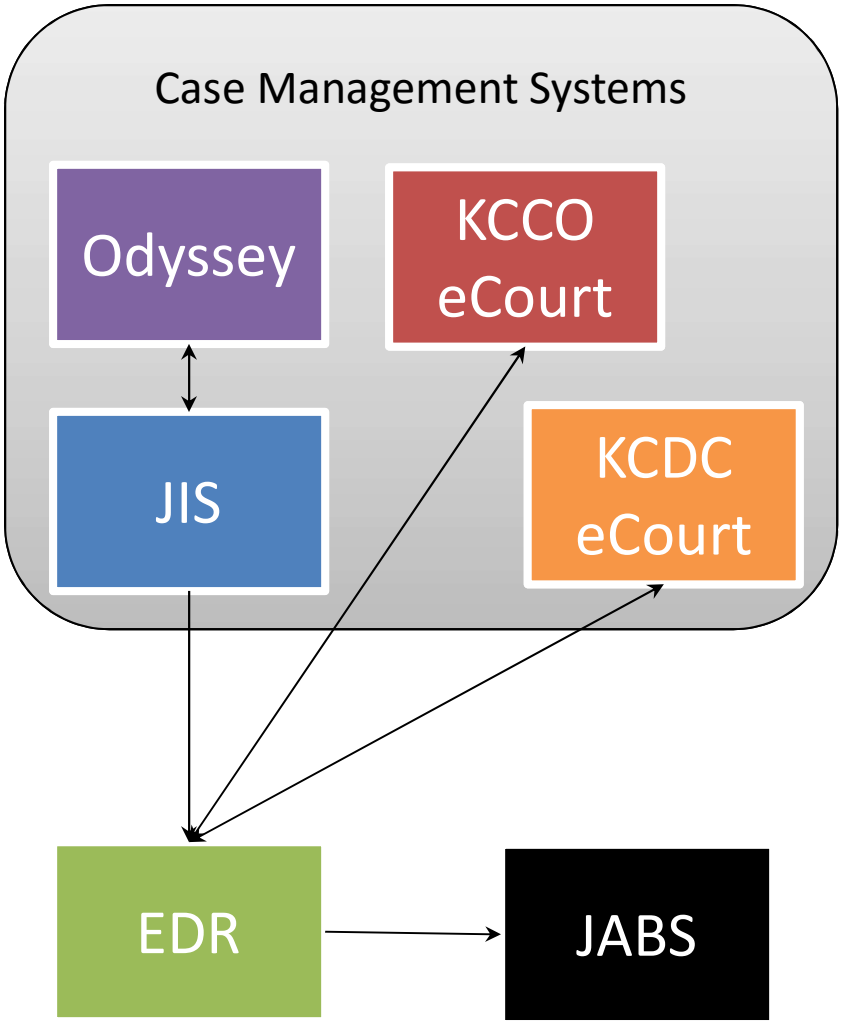
Level	Description	Function	Target Date
CMS	JIS	Group person records in the EDR based on JIS links and associations	Jan 2018
CMS	KCCO	Group person records in the EDR based on KCCO links and associations	TBD. Pending umbrella ID information
CMS	KCDC	Group person records in the EDR based on KCDC links and associations	TBD. Pending umbrella ID information
1	Exact Match	Based on full name, DOB, gender, and key unique IDs like DOL, DOC, JUV, etc.	Jan 2018
2	Fuzzy Match	Matching based on common misspellings, typos, phonetics, and other non-exact match conditions	Begin Feb 2018
3	Probabilistic	Matching based on probability that a given data set represents the same person despite incompleteness or errors	Begin Feb 2018

Person Data Viewing



- No case management system will have a complete view of statewide person data
- JABS is being modified to source person data from the EDR
- Once complete, JABS can be used to identify persons known in other case management systems, but not in the user's primary system
- There will not be an automated method of copying person records found in JABS into JIS for the Jan 2018 KCCO go live

Person Data Viewing



- JABS will be able to recognize matches of person records made across systems, once those matching rules are implemented
- JCS, JIS Link, and some other JIS systems will also be able to recognize and use the matches created

Questions?