JIS Modernization Strategy

Questions on Enterprise Data Sharing

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October 25, 2019

Topics

- Questions on:
  - Enterprise Data Sharing
  - Enterprise Data Viewing & Reporting
  - Data Sharing for Courts with Local CMSs

How/when will superior court Odyssey data get to the Enterprise Data Repository (EDR) ?

1. Odyssey integration to *send* data to EDR is planned for the current biennium.
2. *Local Odyssey data* will not be sent to EDR, and instead, at a future date, will be sent to Enterprise Data Warehouse (EDW) for ad-hoc reporting purposes.
3. The superior court support team is exploring options for Odyssey to perform searches and display Individual Case History(ICH)/Defendant Case History (DCH) information from EDR inside the Odyssey application.

When will Odyssey to JIS Replication Stop ?

Before Odyssey to JIS replication can be stopped, the following must occur:

1. Odyssey must be integrated with EDR (planned for 2019-21).
2. Odyssey users must be able to get statewide person records and ICH/DCH information from EDR.
3. Odyssey data (including local data) must be pulled into enterprise data warehouse for ad-hoc and statistical reporting.
4. JIS (DISCIS) must be able to access statewide person information from EDR.
5. Applications such as Adult Static Risk Assessment must be able to use data from EDR.

When will SCOMIS be retired? What will happen to Pierce county data when SCOMIS goes away?

1. SCOMIS will only be retired when Odyssey replication stops and a solution is finalized for Pierce County Superior Court.
2. AOC would like to retire SCOMIS as soon as possible and is meeting with Pierce County to discuss solutions and timelines.
3. Pierce County needs to solve three aspects for it to remove dependency on SCOMIS:
    I. Replacement for JIS Accounting & Judicial Receipting System
    II. Pierce County LINX system can independently manage person and case data
    III. Integration of LINX with EDR

What is the focus of EDR work at this time?

1. Stabilization of the EDR database and services, JIS to EDR integration maintenance, and addressing any gaps in standard reference values and mappings.
2. Onboarding King County District Court (KCDC) to the EDR.
3. Developing additional standard queries.
4. Continuing to build data exchanges required for Courts of Limited Jurisdiction (CLJs) (e.g., DOL FTAs, Dept. of Fish & Wildlife, etc.).
5. Enhancing person-matching.
6. Educating courts on how to find and use the King County Clerk's Office (KCCO)/other Local-CMS Courts' data that is in the EDR.
7. Onboarding support for Odyssey to EDR integration, Case Management System (CMS) for CLJs (CLJ-CMS) to EDR integration, and Seattle Municipal Court integration.

How will the EDR improve person matching & person-based queries?

1. EDR is the central source for statewide person-based queries for all courts. This is made possible through automated level-1 EDR person matching using basic person matching rules.
2. Before increasing the level of automation in person matching, it is necessary for courts to better understand the person-matching rules in EDR to improve confidence in person-matching.
3. Next levels of person matching automation can be implemented by including elements like gender, address and license histories, using fuzzy matches and probabilistic matching.
4. Standard queries as well as applications that display EDR data will be improved in the future as the person business rules are enhanced to support the “person” concept.

How will court users view shared data?

1. Shared data (based on JIS Data Standards) can be viewed through Judicial Access Browser System (JABS). JABS pre-dates EDR by several years and was not designed to display all the data from EDR (e.g., cases for non-well identified persons).
2. Replicated Odyssey data can be viewed in SCOMIS. This temporary workaround will not be needed once Odyssey data is in EDR and SCOMIS is retired.
3. The strategic recommendation for court users is to display data (searches and ICH/DCH, etc.) directly from the EDR in their native CMSs so that users only need to access one system.
4. AOC/JABS team is exploring options to either modernize JABS or develop another viewer to show data from EDR. Any strategy will be presented to the JISC and go through the IT Governance process for prioritization and decision packages.

How will Data Quality in EDR be Maintained?

1. The central principle for EDR is to accurately reflect source data as provided by a court/CMS.
2. EDR does not allow modifications to court data directly. Any changes to court data must be made in the source CMS. The goal is to maintain data quality at the source.
3. Routine data quality checks can be run in the EDW, not the EDR.

Where does the data in JABS come from?

1. JABS displays data directly from multiple sources:
   1. Person matching info from EDR
   2. JIS/DISCIS and JIS Person info from JIS (including some local data)
   3. Odyssey cases from Odyssey (including some local data)
   4. King County cases and persons from EDR
2. The scope of JABS has expanded well beyond its original design. The future role of JABS both as a viewer and as a supplemental application to JIS is currently being analyzed. This may result in future changes to capabilities supported by JABS and where & how JABS sources it data.

Can Business Intelligence Tool (BIT) be used to query the EDR?

1. BIT cannot pull data directly from EDR. However, we are evaluating the options to get the EDR data into EDW.
2. EDR can be queried through the standard queries available to all courts and justice partners:
    1. Standard queries will provide consolidated information from EDR, and applications can use it as appropriate
    2. These are needed for the consistency of information
3. EDR data can also be viewed through applications such as JABS.

What JIS applications will be available for courts with Local CMS systems?

1. The primary integration of courts with Local CMS systems will be through EDR for both sending and receiving statewide data.
2. JABS will be available to ensure all courts can view important statewide data.
3. Courts will be able to use BIT to pull *shared data* from EDW when the EDR to EDW integration is complete.
4. As some of the JIS applications are slated for retirement/replacements, courts with Local CMSs may not find all data in those applications, and *are expected to reduce their dependence* on those JIS applications.

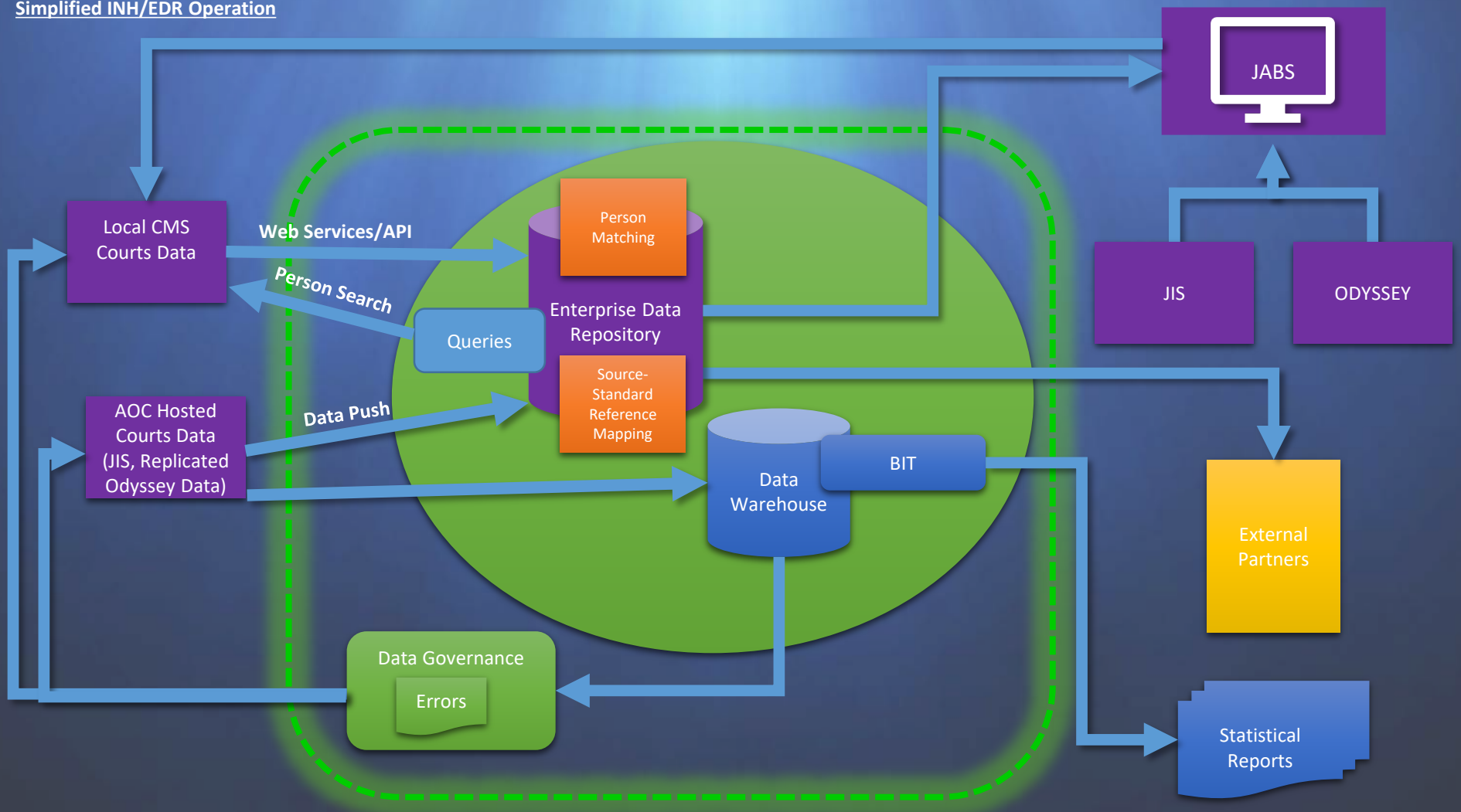
What will be expectations of courts with Local CMSs?

1. Ongoing compliance with the JIS Data Standards and implementation plans including operational support for upgrades and new releases.
2. Ensuring on-going compliance to legislative processes and mandates, support for data exchanges with justice partners and JISC governance directions.
3. Working with AOC on addressing any data quality and governance issues in a timely manner to ensure public safety, judicial decision-making and statewide reporting are not adversely impacted.
4. Submitting IT Governance requests if there are additional needs for data, processes or issues to ensure AOC resources can be assigned based on JISC priorities.

Are there standard processes available for new courts to be on-boarded to EDR?

1. EDR is a new function for AOC and the courts. As such, AOC is developing standard processes and procedures for on-boarding courts.
2. New courts with local CMSs should plan for significant investment of resources for understanding the JIS Data Standards, Standard Reference Data, and EDR Services before building integration to EDR.
3. The majority of the EDR integration work will be on the court's plate. If any new integration needs arise, both AOC and courts would need to comply with the IT Governance processes as well as JISC priorities.

Simplified INH/EDR Operation



CURRENT JIS LANDSCAPE (2019)

Washington State Administrative Office of the Courts
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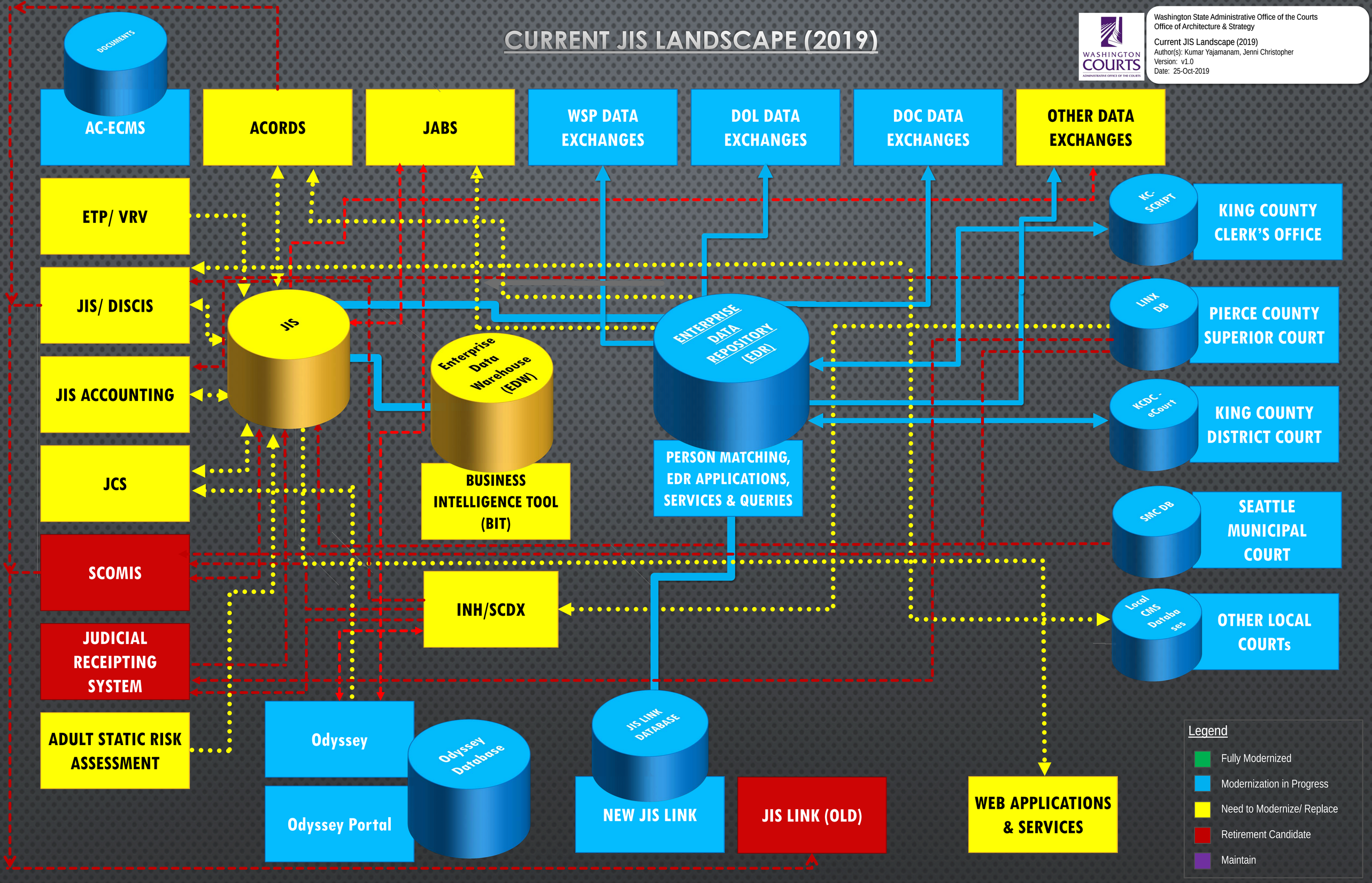
Current JIS Landscape (2019)
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Version: v1.0
Date: 25-Oct-2019