

NODS, Court Component Model, Etc.

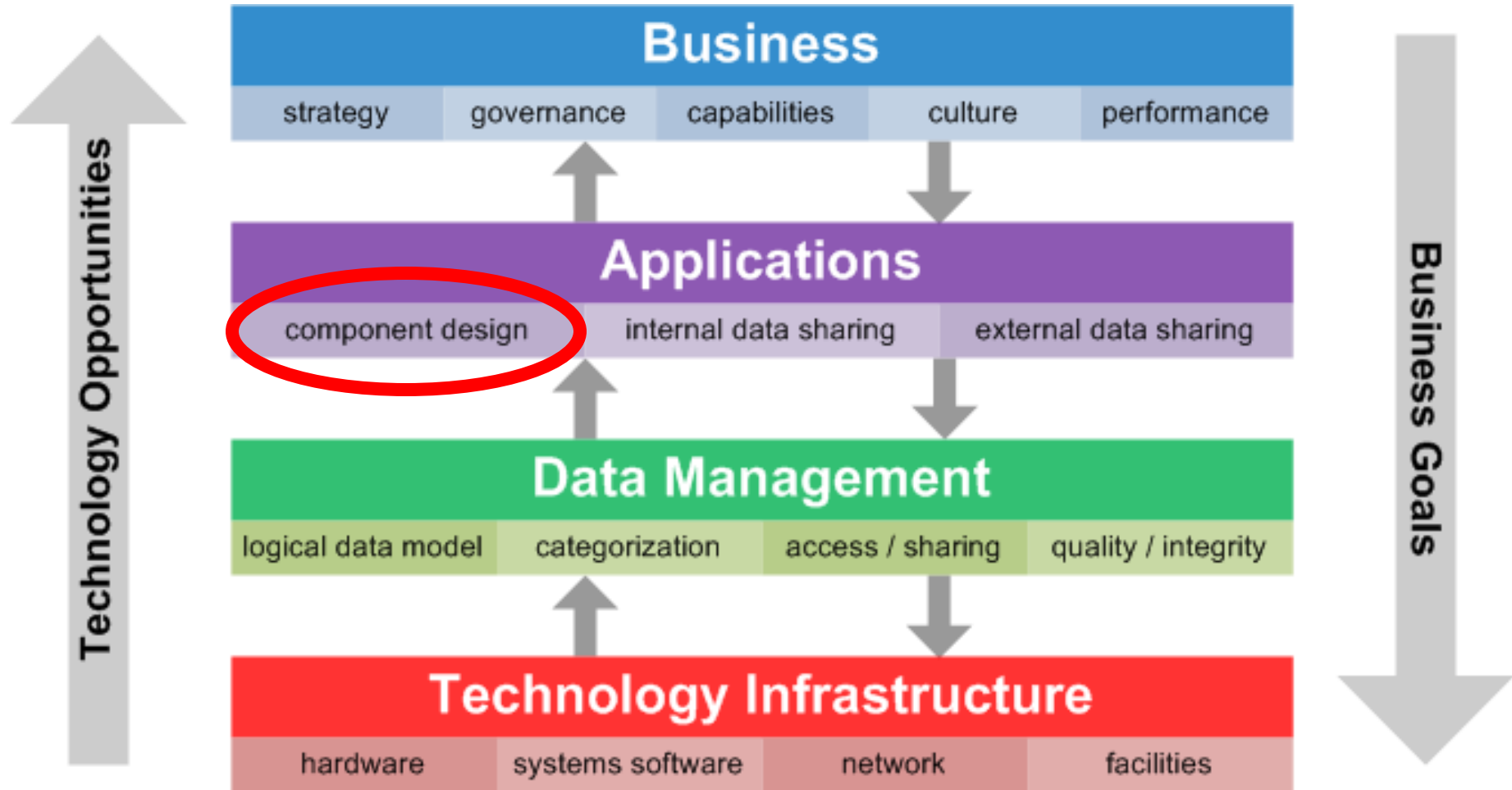
Code for Justice – November 2023



Court Technology Framework (CTF)



JOINT TECHNOLOGY COMMITTEE
COSCA | NCSC | NACM



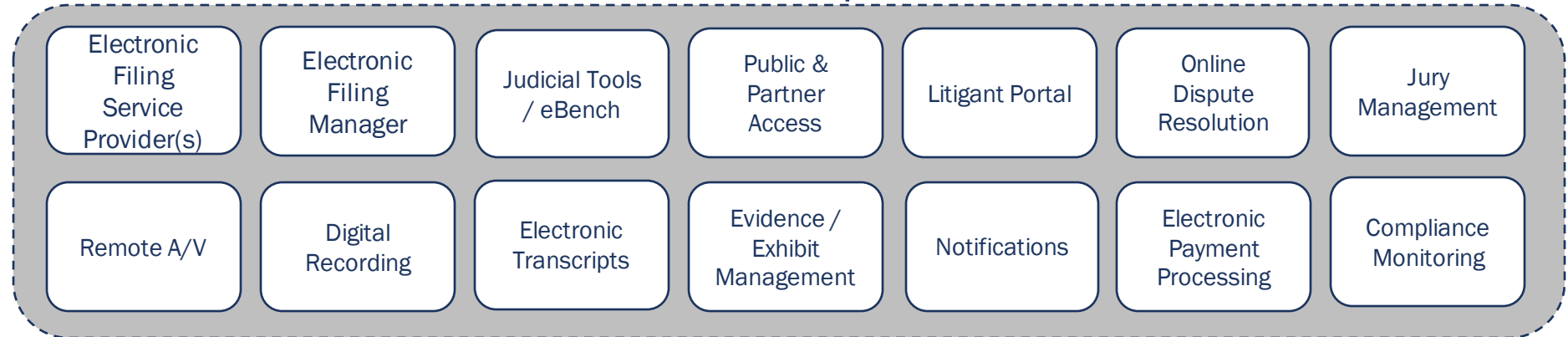
www.ncsc.org/ctf

Court Component Model (CCM)

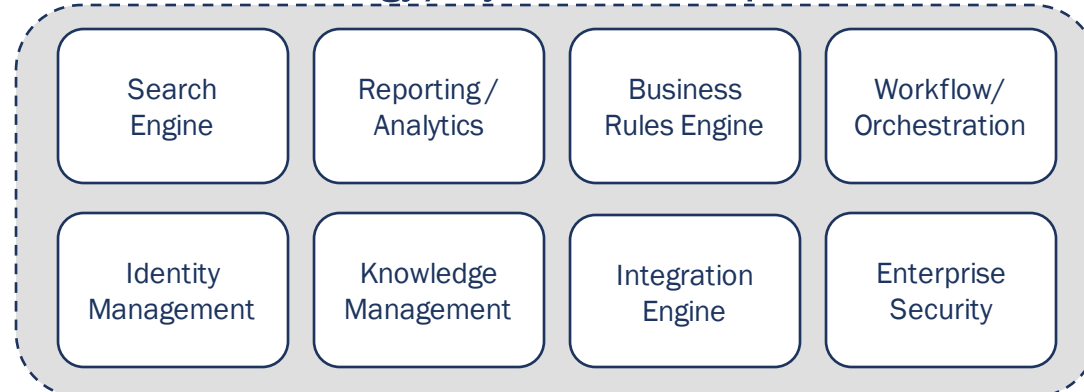
Case Management Components



Additional Components

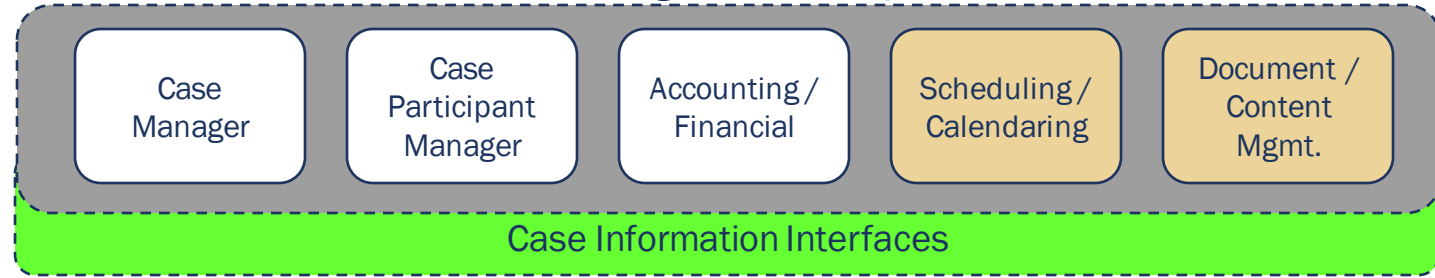


Technology / System-wide Capabilities

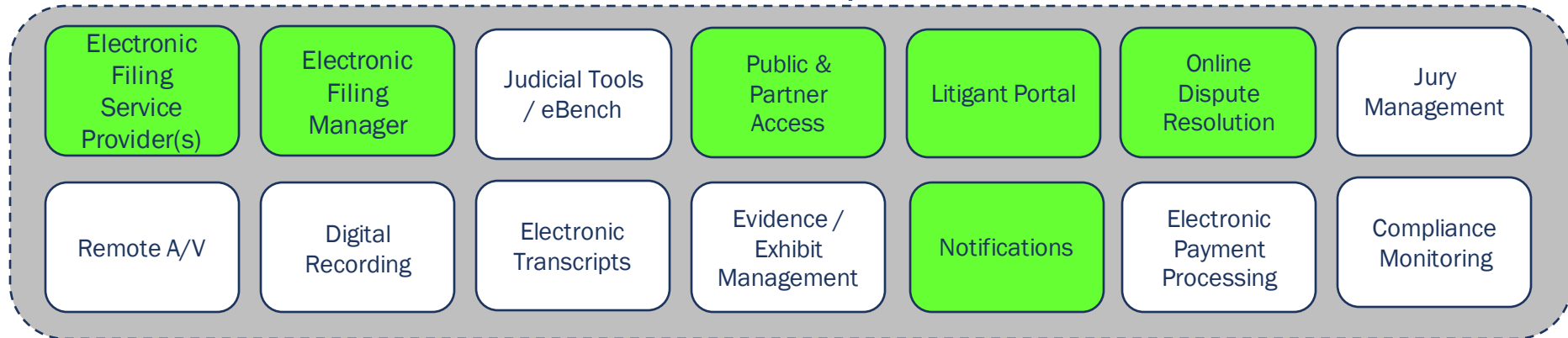


Court Component Model (CCM)

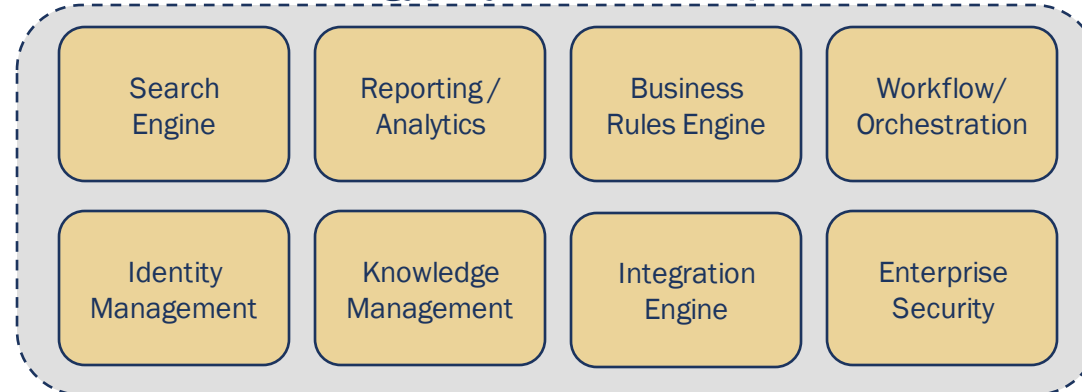
Case Management Components



Additional Components



Technology / System-wide Capabilities



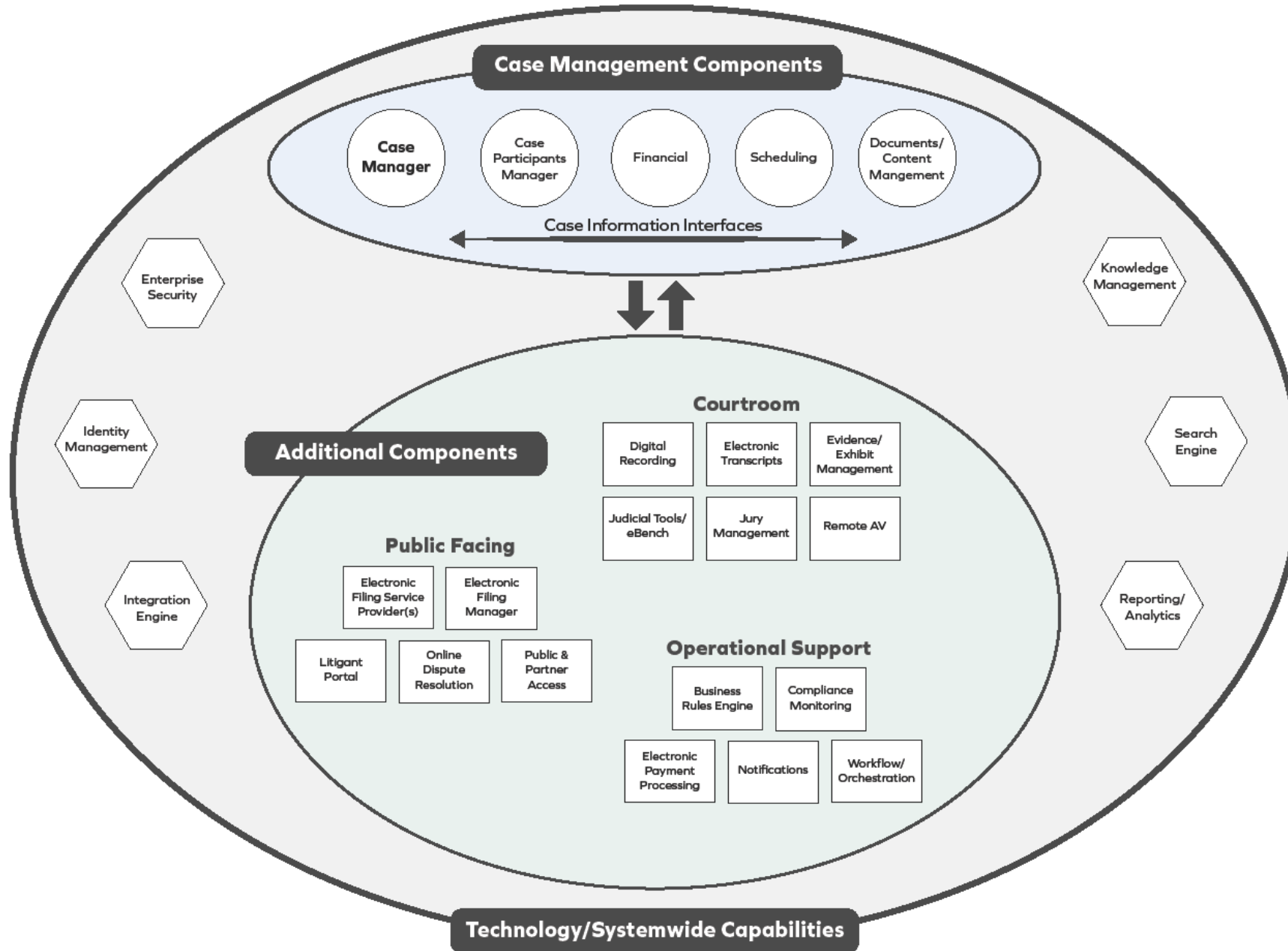
Interface standards:

Completed or work in progress

Existing Cross-Industry Standards?

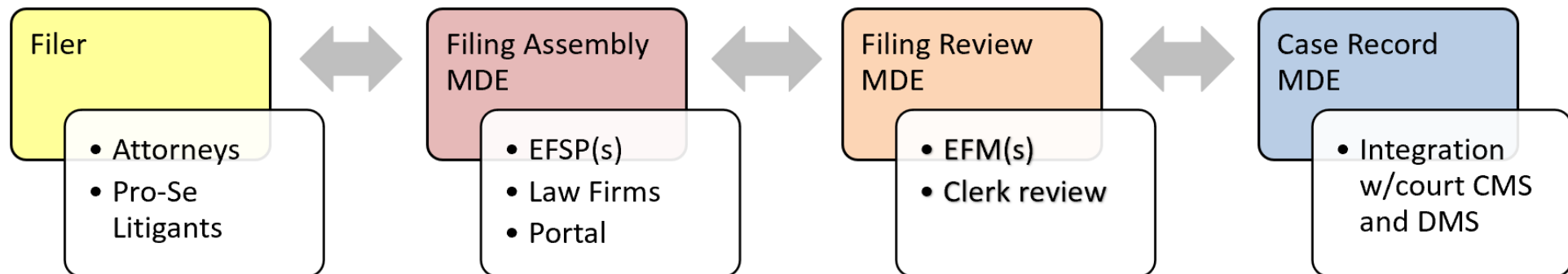


COURT COMPONENT MODEL



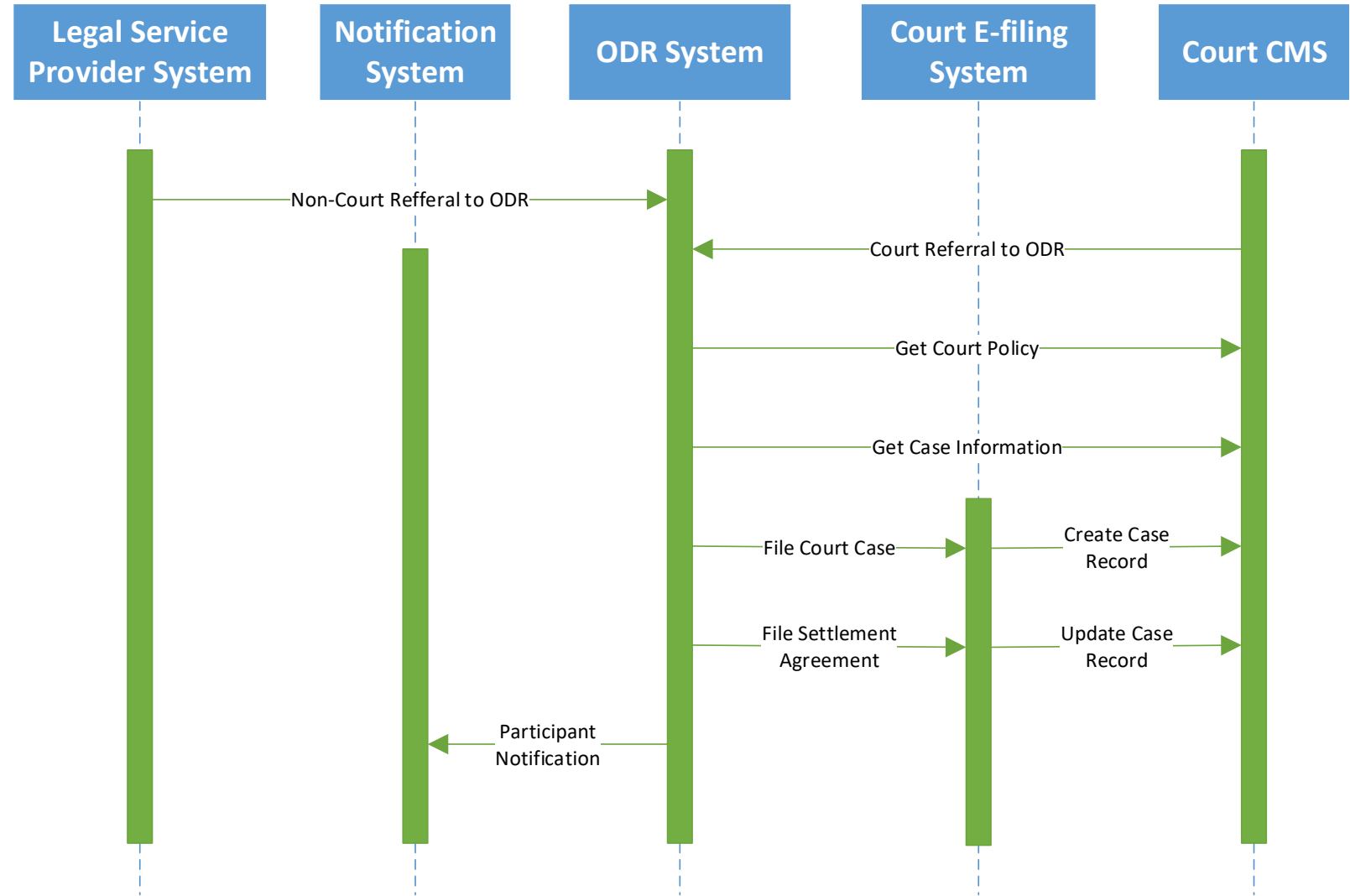
ECF Example (Electronic Court Filing)

- OASIS Standard developed by the ECF Technical Committee
- Contributions from court practitioners, public- and private-sector developers
- ECF 5.0 committee spec just released with enhancements that include court scheduling, conformance with NIEM 4.0, and use of NIEM augmentations.
- Specifications: <https://docs.oasis-open.org/legalxml-courtfilings/ecf/v5.0/csprd01/>



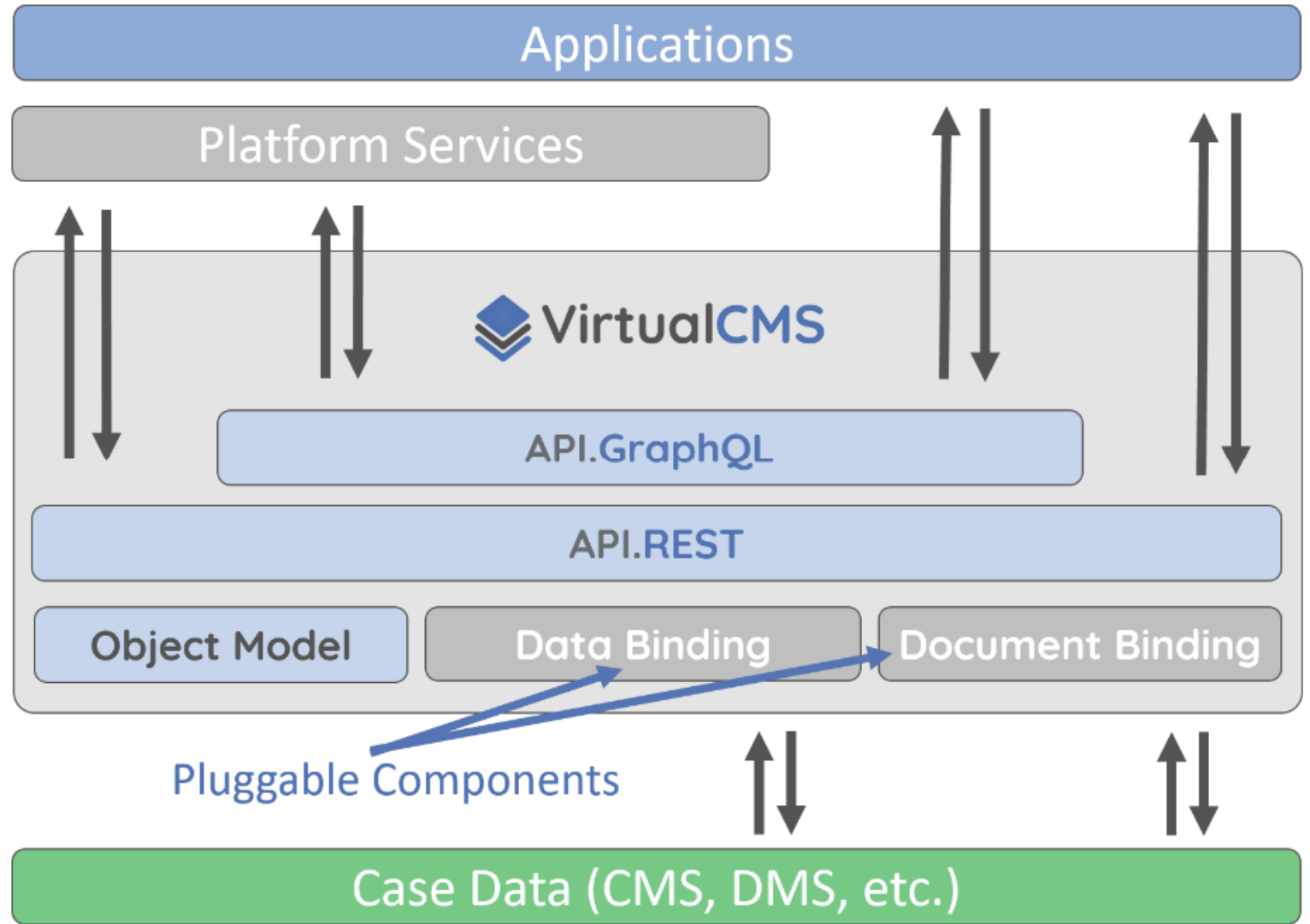
ODR Example (Online Dispute Resolution)

ODR Interface Standards



California CourtStack Example

www.courtstack.org



NIEM

- Provides a common vocabulary facilitating information sharing across 17+ domains
- Now part of OASIS as an “Open Project”
 - More sustainable support for open collaboration, governance, open process, etc.
 - Allows for contributions from government, practitioners, developers, private orgs, etc.
- Information Exchange Development Lifecycle
- Working on a CMF to allow for translation to XML, JSON, etc.
- More info: <https://niemopen.org/>



National Open Court Data Standards (NODS)



**National Open Court
Data Standards**

www.ncsc.org/nods

- Original purpose of NODS:
 - Provide for transparency in court operations
 - Make court data available to researchers, policymakers, media, and the public in a consistent manner that reduces errors and misinterpretation
 - Reduce the burden on court system staff in responding to data requests
- Other uses:
 - Designing a data warehouse
 - Specific data exchanges
 - Point of reference when designing or enhancing a CMS
 - Gap analysis with existing CMS
 - Others?

NODS Includes

www.ncsc.org.nods

Leadership Guide

An overview of the NODS project and its purposes with guidance on why courts may choose to implement the data standards.

Data Elements Spreadsheet

A description of all data elements with definitions and value lists.

Users Guide

Discussion of the data elements listed in the spreadsheet, their use, and mapping guidance.

Data Element Mapping Tool

The data elements spreadsheet with columns added to capture whether an element is already collected, whether it's needed by the court, and where it's currently collected. This version also indicates elements important for CourTools and for annual reporting to the Court Statistics Project.

Technical Notes

Brief technical document explaining the NODS logical data models and contents of the ZIP files with technical artifacts.

Technical Data Models

Illustrations of the relationships between entities and the logical groups of attributes.

Ongoing work on NODS

- **NODS Steering Committee**

- Court practitioners from numerous states
- Other groups – NCSC, JTC, OJP, SEARCH
- Provides guidance and considers requests for updates, new elements, etc.

- **NODS Updates**

- New elements or values in NODS spreadsheet
- Planning updates to technical artifacts
 - New elements
 - Consolidation of conceptual models (currently by case type)

Court implementations

- Data warehouse projects
- Use case cases involving specific data sharing
- TA available

Implementers Forum

- Quarterly virtual meeting
- Participation includes 12 states so far (AL, AZ, DC, GA, IL, IN, MD, NJ, PA, SC, TX, VT)
- Sharing ideas, experiences, new use cases, etc.
- Any court implementing NODS is welcome

Are there any courts present who are implementing NODS?

Questions / Discussion



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