



IHE

Integrating
the Healthcare
Enterprise

Document Sharing Overview

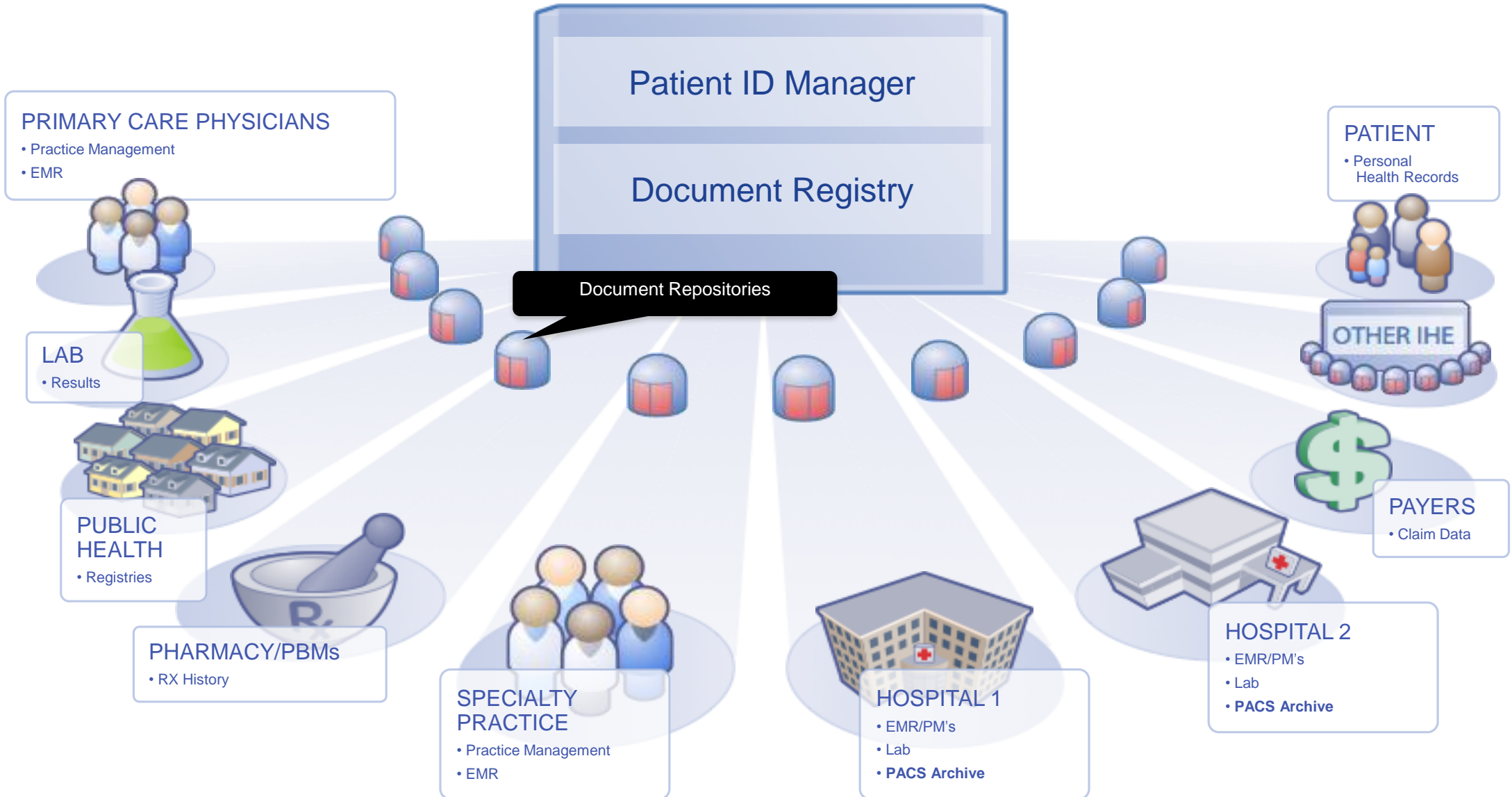
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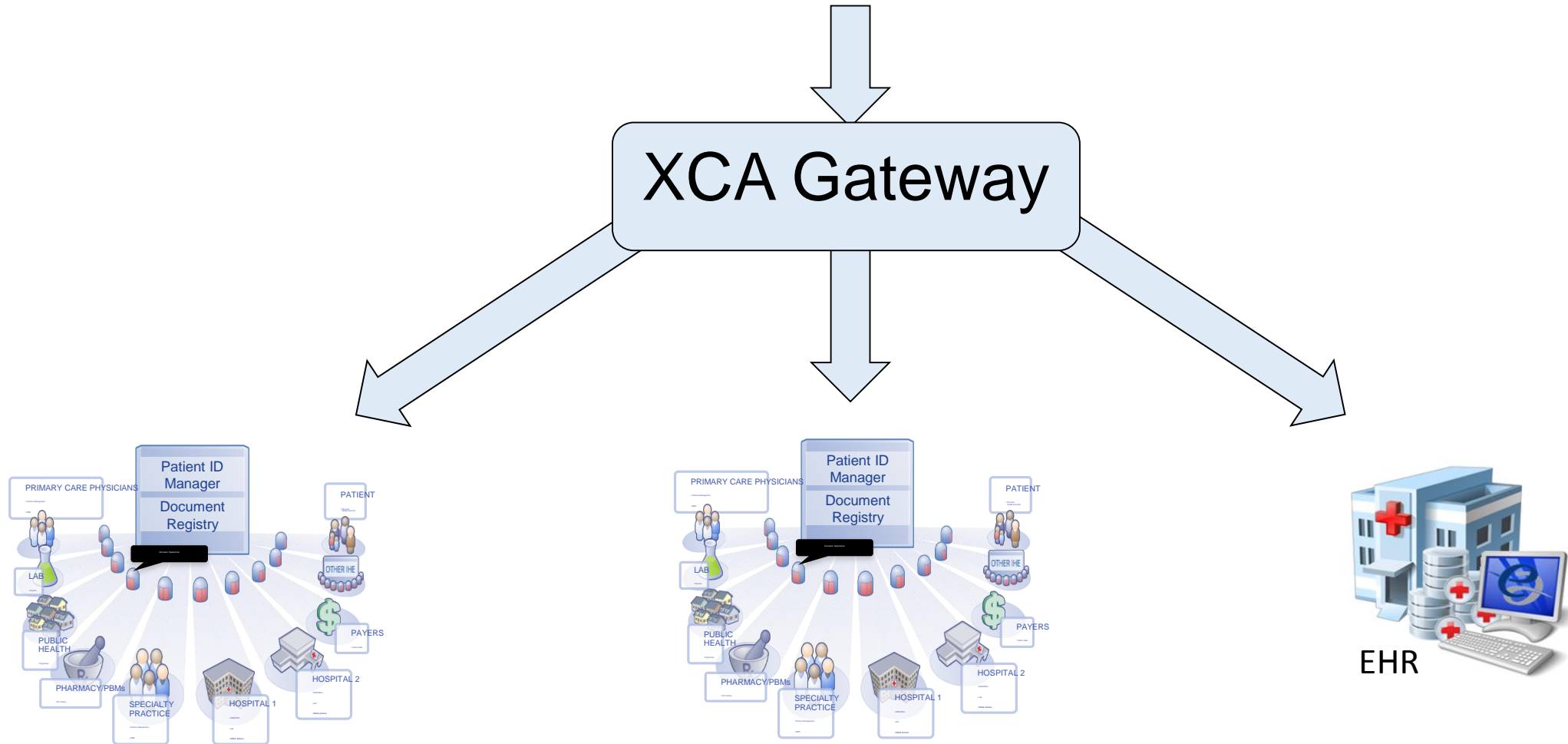
IHE Standards-based HIE (XDS)

Key Components



IHE Standards-based HIE (XCA)

Community Document Sharing

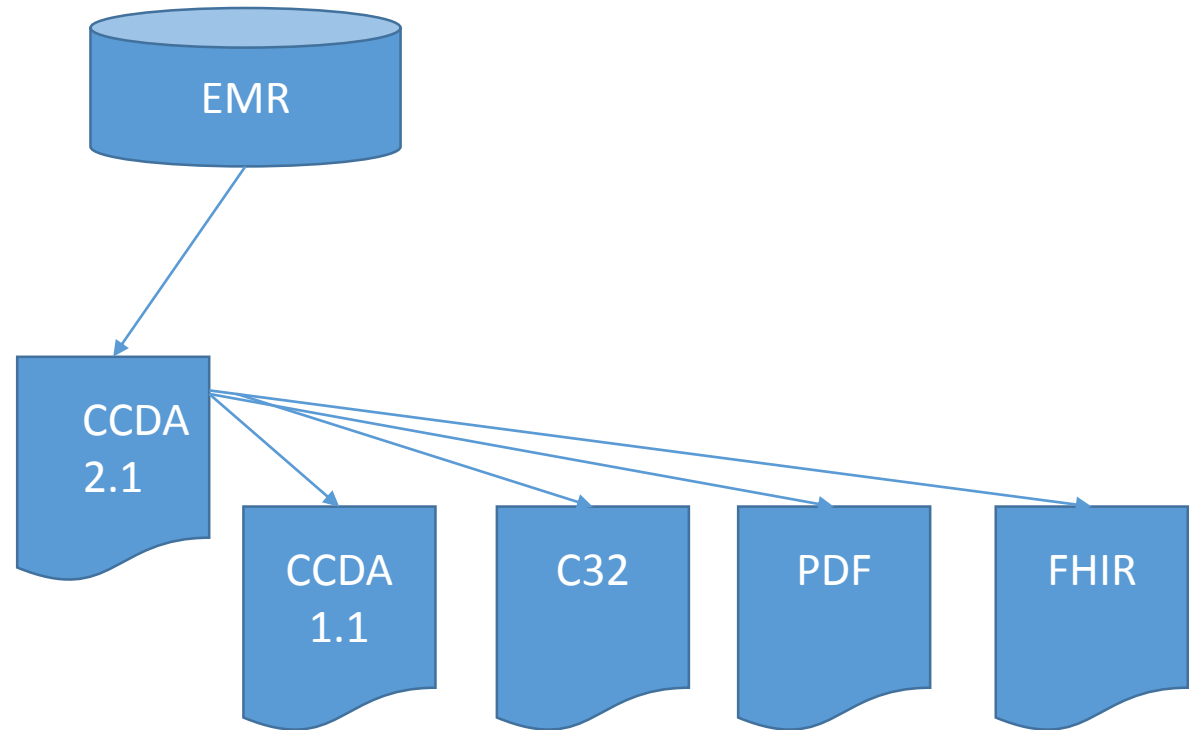


Principles of a Document

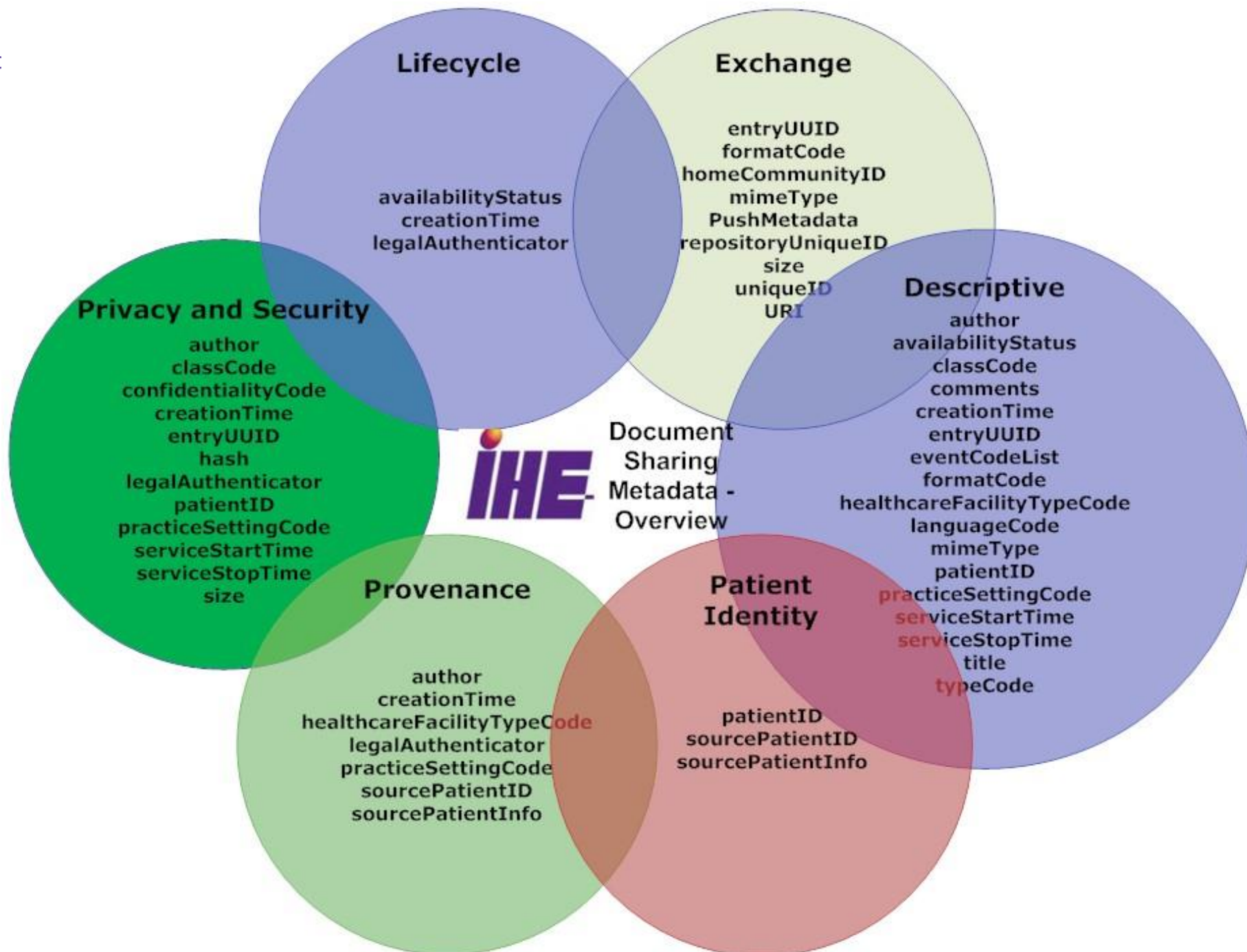
- **Persistence** – A Document continues to exist in an unaltered state, for a time period defined by local and regulatory requirements. Note documents outlive the servers (and often the syntax), on which they are created.
- **Stewardship** –A document is maintained over its lifetime by a custodian, either an organization or a person entrusted with its care.
- **Authenticatable** -- Potential for authentication - A clinical document is an assemblage of information that is intended to be legally authenticated.
- **Context** - A clinical document establishes the default context for its contents
- **Wholeness** - A document is a whole unit of information. Parts of the document may be created or edited separately, or may also be authenticated or legally authenticated, but the entire document is still to be treated as a whole unit.
- **Human readability** – a document is human readable

Various Formats and Encodings

- XDS/XCA are content agnostic
- Metadata enable discovery
- CDA, C-CDA, C32, etc
- FHIR Documents
- DICOM Documents
- PDF/Text
- Graphics (JPEG, MPEG, TIFF...)
- Special (On-Demand, Delayed)



Metadata – enables discovery



Supporting Infrastructure

- Security & Privacy -- <https://wiki.ihe.net/index.php/Category:Security>
 - ATNA, XUA, CT, SeR,
 - DSG, DEN
 - BPPC, APPC
- Patient Identity
 - PDQ, PIX, PAM
 - XCPD
- Provider Identity
 - HPD, CSD, PWP
- Workflow
 - XDW

- <https://wiki.ihe.net/index.php/Category:DocShare>
- WhitePaper – Document Sharing using IHE Profiles
- Handbook – Document Sharing Metadata Handbook (NEW)
- Handbook – Template for XDS Affinity Domain Deployment Planning
- IHE Format Codes
- Transport Profiles – XDS, XCA, XDR, XDM, MHD, DSUP,
- Support Profiles – XUA, ATNA, SeR, XCPD, PIX, PDQ...
- ITI Content Profiles – BPPC, APPC, XDS-SD, XDW, DSG, DEN
- CDA Content Profiles - <https://wiki.ihe.net/index.php/Category:CDA>
- And much more