

NHIN Functional Requirements for a Nationwide Health Information Network: A Vendor Perspective

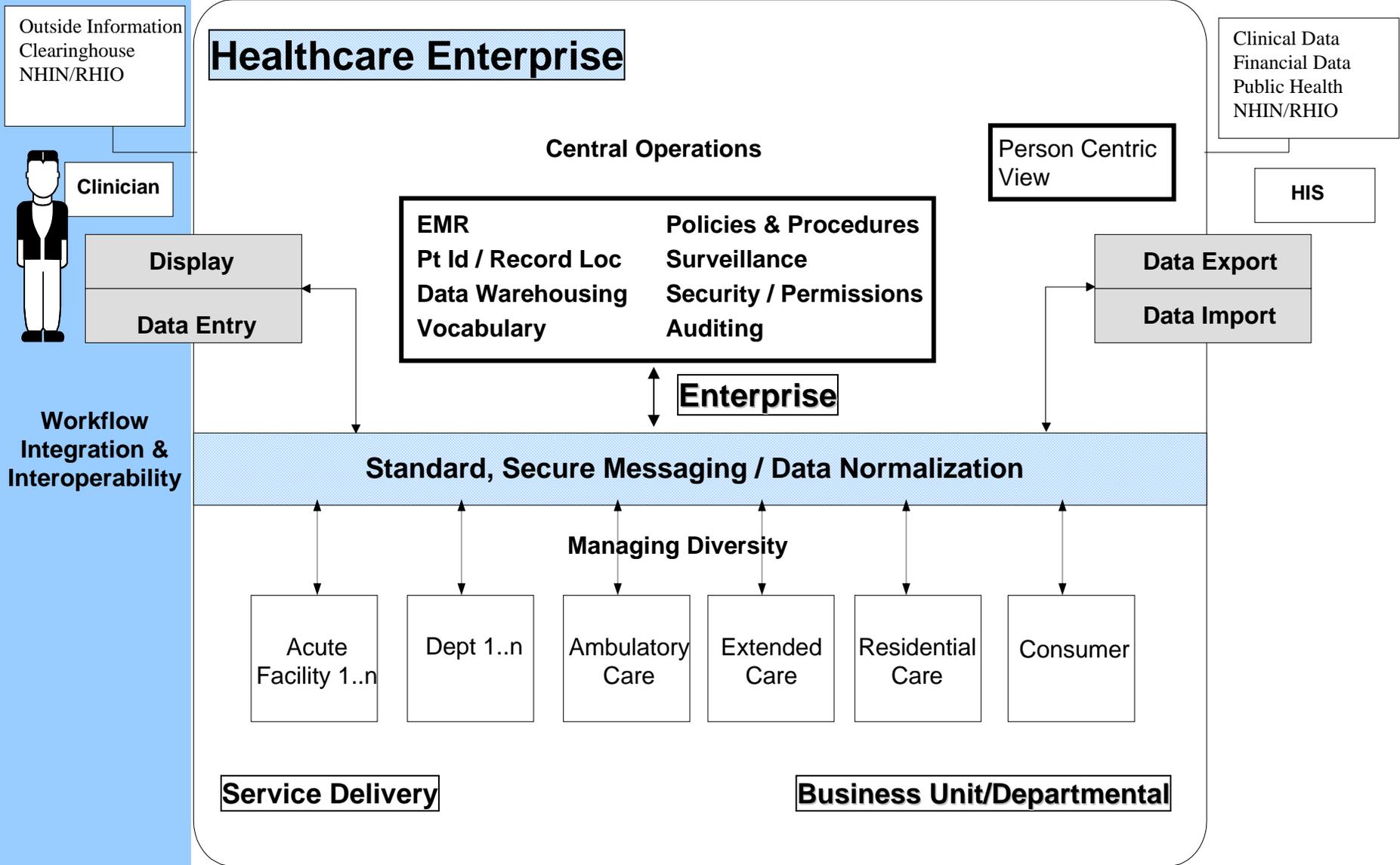
National Committee on Vital and Health Statistics (NCVHS)
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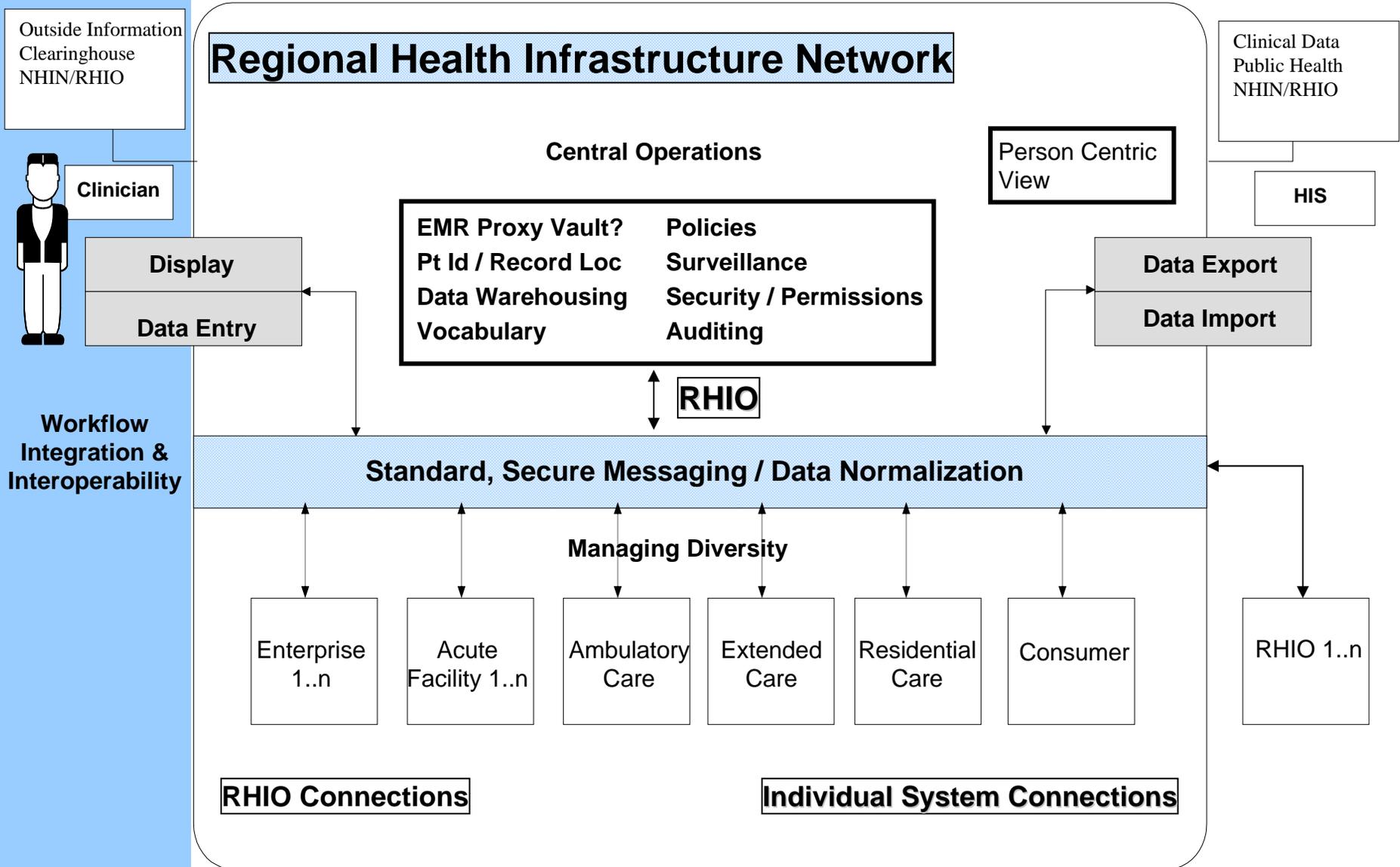


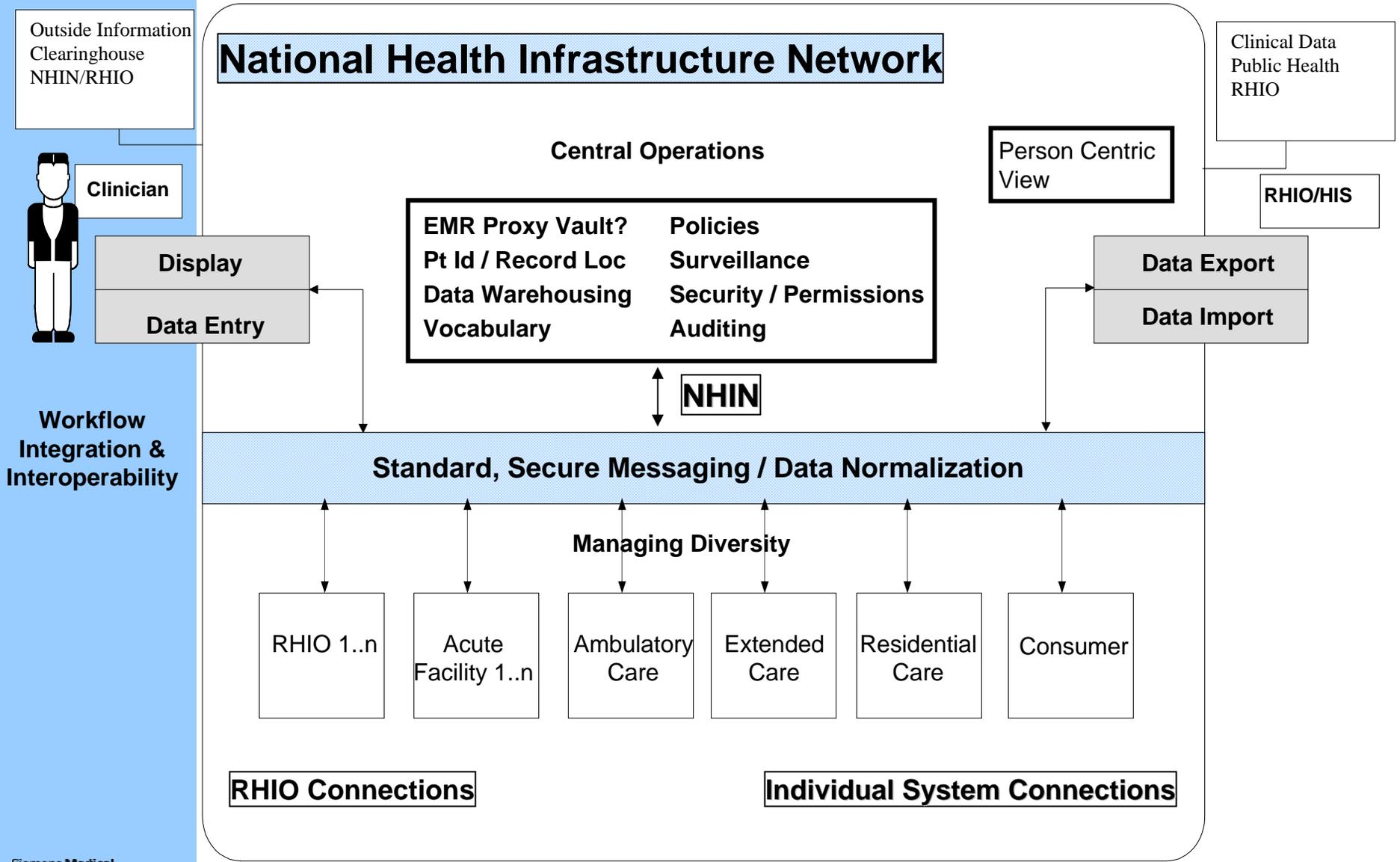
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Top 10 Reasons Why Building a National Health Information Network is Achievable

1. We know how to optimally integrate data exchange in workflow.
2. We know how to match patients.
3. We know how to exchange data to and from multiple information system vendors.
4. We know how to provide high speed, secure, available, and reliable communications infrastructure (network).
5. We know how to manage high volume, real time transaction processing and data exchange.
6. We know how to integrate data of varying quality, granularity, and consistency.
7. We know how to collaborative with other stakeholders to improve interoperability.
8. We know how to accommodate local, regional, and national standards and policies (NEDSS, HIPAA).
9. We know that financing and delivery will change so it is important to keep health information exchange simple and incremental.
10. We know that health information exchange is a clinical tool to improve quality so will become an expected standard of care.







HDX: The Integrated Healthcare EDI Network

Full integration with your IS applications enables transactions to be generated as a by-product of your normal business workflow. Web-based capabilities provide access to the same transactions from a browser.

HDX's Information Service Center provides real-time and batch services. The real-time services use HDX's on-line fault tolerant message switching facilities to provide you with seamless, reliable and responsive access to participating organizations' data. The Center routes data, ensures security and confidentiality, and provides "store and forward" capabilities.



Your Organization

Information Services Center



HDX uses CISCO® routers and AT&T® networks to provide highly available network access. All major networking protocols (e.g., SNA and TCP/IP) and cabling options are supported.

HDX creates logs for audit purposes, supports proprietary to/from ANSI X12, NCPDP, and HL7 translation and performs network management services.



Banks
ACH
Credit Card Networks



HMOs



Government Payers



Blue Cross Blue Shield



Credit Bureaus



Commercial Payers

HDX communicates with payers, PBMs, and other organizations and supports the unique requirements of each. A payer-liaison group maintains proactive relationships with these organizations.

Siemens Medical Solutions that help