



The South Carolina Health Information Exchange

SCHIEEx EXCHANGE

Participant Cross-enterprise Document Sharing Repository

SCHIEEx is based on the Integrating the Health Enterprise (IHE) document sharing method for information exchange. The model and associated electronic transaction profiles are described in detail in the *SCHIEEx Interoperability Services Guide* located at www.SCHIEEx.org. Participants exchange documents that contain structured data in formats that conform to national standards. Each Participant determines the specific type of documents and data content that will be made available for exchange with other SCHIEEx Participants.

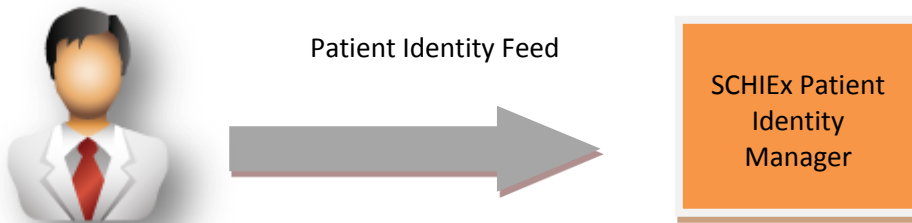
The document sharing process can be broken into three steps:

- ❖ The first involves the Participant's EHR sending electronic transactions to the SCHIEEx Patient Identity Manager that identify the patients associated with the organization.
- ❖ The second step involves the Participant's EHR sending documents it will make available for query by other SCHIEEx participants to a Cross-enterprise Document Sharing (XDS) repository. This repository has the ability to send electronic transactions containing metadata describing the types of documents that are available in the repository to the SCHIEEx Document Registry.
- ❖ The third step is the actual document sharing process. The Participant EHR queries for available documents about a given patient by sending electronic transactions to SCHIEEx to find out the locations that have available documents for this patient and for instructions on how to retrieve them. SCHIEEx provides the requested information which allows the Participant's EHR to then query and retrieve the documents from the other Participant XDS document repositories.

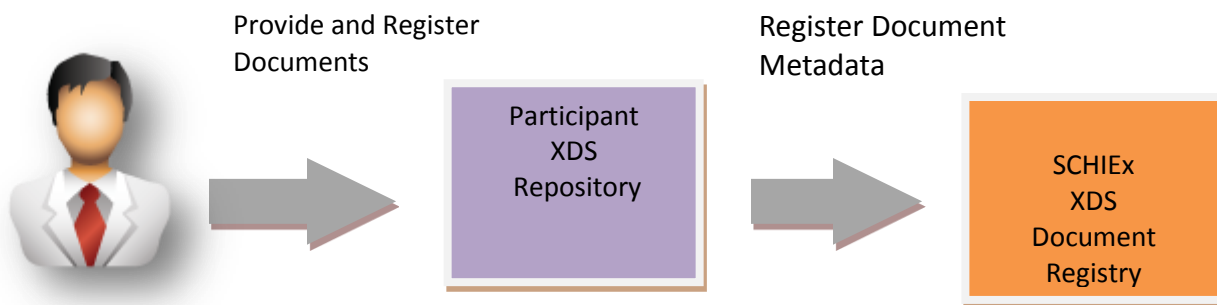
SCHIEEx does not provide the XDS repository, so each Participant will need to address this required functionality. The XDS repository may be offered by the EHR vendor, a private technology interface/middleware company, or there is an optionally hosted XDS repository offered by the SC Office of Research and Statistics (ORS). You may contact SCHIEEx for additional information.

How SCHIEx EXCHANGE Works

Step 1- Provide Patient Identifiers



Step 2 - Provision documents for exchange to a cross document sharing (XDS) repository and register document metadata with SCHIEx.



Step 3- Query and Retrieve

