



## Technical Requirements for Participation in the Cross-Enterprise Document Sharing Component of the HIMSS 2006 Interoperability Showcase

Besides demonstrating a multitude of IHE profiles that can be deployed within a single healthcare facility, the Interoperability Showcase at the HIMSS Conference in February 2006 is intended to simulate the leveraging of IHE profiles for the exchange of healthcare information in a Regional Healthcare Information Organization (RHIO). As such it will be comprised of “real world” care settings (e.g. Primary Care Physician office, Specialist office, Acute Care Inpatient facility, etc) with which a patient typically interacts in the event of requiring care. Similar to the HIMSS 2005 showcases, the “care requirements” will be pre-specified in terms of clinical scenarios which will include at least one transfer of care between care settings to complete the care delivery encounter.

To facilitate and ensure a thorough testing process of the clinical scenario deliverables prior to the conference, all vendor participants in this year’s showcase will be required to test their products at the IHE Connectathon in January 2006. In order to offer varying levels of participation to the vendors with the objective of opening up the participation to a maximum number of vendors, two different RHIO environments will be created for the showcase. One, a RHIO which simulates an IDN-like healthcare community in which some of the basic information exchange prerequisites (node security, patient MRN reconciliation, etc) are accomplished external to the demonstrated products and workflows. Two, a RHIO which simulates a healthcare community comprised of fully independent care settings, i.e. the full-blown RHIO environment, in which all aspects of providing a secure information exchange for patients with multiple MRN’s across the RHIO must be supported.

In terms of IHE profiles, the following IT Infrastructure (ITI) profiles are to be supported for participation in the respective RHIO:

	<b>RHIO/IDN</b>	<b>RHIO/Full</b>
XDS	R	R
CT	R	R
PIX/PDQ	-	R
ATNA (Audit Trail)	R	R
ATNA (Secure Node/TLS)	-	R
XUA	-	O
NAV	O	O
DSG	O	O

[R=required, O=optional]

For each of these RHIO environments, a vendor’s product(s) will be included as providing information system services for one or more of the following care settings:

- Personal Health Management (Home Care Setting)
- Primary Care Office (e.g. Patient Care Coordination)
- Specialty Care Office (e.g. Patient Care Coordination, Cardiology)
- Acute Care Inpatient Facility
- Diagnostic Testing Center (e.g. Lab, Radiology, Cardiology)
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It is requested that each vendor include their “care setting” preference for the demonstration of its product(s). Although not guaranteed, all attempts will be made to honor these preferences as the products are assigned to the various clinical scenarios.

Similar to the HIMSS 2005 Interoperability Showcases, it will again be possible for an EMR vendor to participate in the IHE-based RHIO simulation by partnering with an appropriate middleware vendor for satisfaction of the full IHE profile requirements. To this end, a list of middleware vendors and their associated product services is included in this correspondence for your reference. Please note that all partnering efforts between an EMR vendor and a middleware vendor are outside the responsibility of HIMSS or the IHE committees. In this regard, it is expected that any and all interface development between an EMR vendor and a middleware vendor is outside the scope of the IHE Connectathon and must be completed prior to participating in the IHE Connectathon itself. That is, the EMR vendor + middleware vendor is to participate in the IHE Connectathon as if it was a single entity.

Further information on the nature and content of the clinical scenarios themselves will be forthcoming in separate correspondence. However, it is anticipated that the documents to be shared using the XDS registry/repositories will emphasize the Content Profile work underway by the IHE PCC and Radiology domains (e.g. Medical Summary, XDS-I) and other standards-based document contents.

For details regarding the requirements of any of the IHE profiles noted above, please visit [http://www.ihe.net/Technical\\_Framework/index.cfm](http://www.ihe.net/Technical_Framework/index.cfm) and access the section of the ITI Technical Framework documents for the specific profile.

For more information on the Interoperability Showcase go to [www.interoperabilityshowcase.org](http://www.interoperabilityshowcase.org) .

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