

IHE International Conformity Assessment Program - Test Report



IHE-ATL-001
IHE International Conformity
Assessment Program
IHE-CAS-2: 2019

26th to 28th of February
2019



GE Healthcare

GE Healthcare
XDS Registry
4.5.0.5

The product and version documented in this report was tested by an IHE International-authorized testing laboratory in accordance with ISO/IEC 17025 requirements and the IHE Conformity Assessment Scheme (IHE-CAS) to demonstrate conformance with the IHE International profiles and actors identified in this report.

It provides a third-party conformity assessment of the product's adherence to one or more IHE Profiles. It demonstrates that the product is capable of assisting healthcare providers and hospitals in meeting requirements for clinical integration.

Testing was conducted as specified in the IHE-CAS-1 and IHE-CAS-2 documents. Testing consisted of observed demonstrations in a controlled location under normal operating conditions and using approved test tools. Test efforts also included review of test tool results, self-attestation materials and, where applicable, interoperability testing files and audit logs. Testing was constrained to the use of the IHE International technical frameworks specified in IHE-CAS-2 at the time of testing. Any exceptions to these requirements are noted within this test report, when applicable.

About KEREVAL Health Lab and IHE-Europe

KEREVAL Health Lab is authorized by IHE International (Authorization #: **IHE-ATL-001**) in conjunction with IHE-Europe, an IHE Deployment Committee, to perform testing of health information technology to IHE International profiles and actors, as specified in the IHE technical frameworks.

For comments or suggestions on this Conformity Assessment program, please contact IHE-Europe: info@deployment.ihe.net

Profiles/Actors Tested for Conformity Assessment

The IHE Authorized Testing Laboratory determined that

XDS Registry / 4.5.0.5 provided for conformity assessment by

GE Healthcare located at 500 W Monroe St Chicago, Illinois 60661 USA

successfully demonstrated compliance to the selected profile/actor pairs for the IHE International Conformity Assessment Program per IHE-CAS-1 **2019** and IHE-CAS-2 **2019**.

The System Under Test was made available for test on **February, 26th 2019**.

Tests were executed from February, 26th 2019 to February, 28th 2019 online.

IHE Profile	Actor and Options	Test Result
IT –Infrastructure (Rev 12.0)		
IHE-CT Consistent Time enables system clocks and time stamps of computers in a network to be synchronized (median error less than 1 second).	Time Client: - No Option	PASSED
IHE-ATNA Audit Trail and Node Authentication establishes the characteristics of a Basic Secure Node.	Secure Application: - No Option	PASSED WITH COMMENTS
IHE-XDS.b Cross-Enterprise Document Sharing enables a number of healthcare delivery organization to share clinical records in the form of documents	Document Registry: - No option	PASSED

Additional Software Required for Testing

The following additional software/options were required by **GE Healthcare XDS Registry 4.5.0.5** to assist in demonstrating compliance with the associated conformance requirements by providing the specified functionality:

Software Product and Developer	Associated Profiles/Actors	Functionality Provided
None	-	-

Report Summary

KEREVAL Health Lab, an IHE International Authorized Testing Laboratory has reviewed and confirms that by **GE Healthcare XDS Registry 4.5.0.5** successfully passed the test scripts identified in this report through attestation, observed demonstration, review of audit logs, and/or interoperability file validations. Testing was conducted using IHE-CAS-2:**2019** testing processes based on ISO/IEC 17025. All test results documented in this report including the exceptions mentioned, are considered formal test results. This test results summary is authorized by:

Anne-Gaëlle BERGE

Test Lab Authorized Representative

04/04/2019

Signature and Date

KEREVAL Health Lab Manager

Function/Title



A detailed test report is kept by the IHE Authorized Testing Laboratory and IHE International Conformity Assessment Committee and available upon requests to these entities.

Please visit http://www.ihe.net/Conformity_Assessment.aspx for the most current information about this IHE Conformity Assessment program.

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About KEREVAL Health Lab

KEREVAL Health Lab offers third-party testing of health IT products. KEREVAL Health Lab is an ISO/IEC 17025:2005 accredited organization. Visit <https://www.kereval.com> for more information.

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Appendix A – Testing Comments

This Appendix documents or references any exceptions identified during testing.

IHE Profile	Actor and Options	Test Case Comment	Test tool
IT –Infrastructure			
IHE-CT	Time Client: - <i>No Option</i>		No test tool
IHE-ATNA	Secure Application: - <i>No Option</i>	ATNA TLS warnings relate to the way errors are handled: It is known that Microsoft SSL Engine is wrongly implementing the TLS protocol; it allows handshake whatever parameters and forbids transaction afterwards with an HTTP 403 response. In any case, no close_notify are ever sent back. Also in case of technical failure (such as wrong-key case), the connection is immediately close, still without close_notify. It is agreed with IHE CAS Committee that this implementation is accepted because of no open security issue known on this stack.	Gazelle Security Suite (6.0.0)
IHE-XDS.b	Document Registry: - <i>No option</i>		XDS Tools (6.5.0)

Additional Software Required for Testing with Exceptions:

Software Product and Developer	Associated Profiles/Actors	Exception identified during testing
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