

Connecting instruments, middleware, and LIS systems in the laboratory is about to become a whole lot easier. The new **IICC/IHE LAW Profile**:

- Standardizes the data flow of IVD patient and QC test work order steps and results between instruments, middleware, and LIS or LAS systems
- Substantially reduces connectivity installation cost and time
- Will be a global standard (CLSI AUTO16)
- Supports federal guidelines on Meaningful Use
- Improves integrity of patient data
- Supports rerun and reflex testing
- Is HL7 2.5.1 based
- Supports LOINC®, JLAB10, and UCUM

LAW provides the following capabilities, some not currently supported by LIS2 (ASTM):

- Support for IA, CC, hematology, microbiology, and molecular testing
- Unique identification of each order request at the test or test panel level
- Improved query for orders
- Selection of query as the default mode
- Simplified order download
- Ability for an analyzer to accept or reject orders
- Improved device identification for test logging
- Contributing substance identification for test logging
- Basic and enhanced message interface to support IVD instrument rule evaluation
- LOINC identification of test requests and observations
- Unique identification of runs
- Support for hematology images, graphs, and plots
- Support for transmission of raw values

For IVD Companies

The IICC/IHE LAW Profile is commercially available and ready for implementation. IHE provides extensive documentation and test resources to support your efforts. IVD vendors interested in implementing and testing the LAW Profile should:

1. Download the LAW Profile
http://bit.ly/ihe_law_profile

Additional information can be found on the IHE Pathology and Laboratory Medicine (PaLM) domain
http://bit.ly/ihe_palm

2. Implement the LAW Profile on your instrument, middleware, or LIS
3. Test your implementation online using the IHE Gazelle platform
<https://gazelle.ihe.net>
4. Participate to an IHE Connectathon event in North America, Europe, or Asia
http://bit.ly/ihe_connectathon
5. Assess the conformity of your LAW Profile implementation by an independent ISO17025 accredited laboratory
http://bit.ly/ihe_conformance

For Clinical Laboratories

Implementing the IICC/IHE LAW Profile should have a significant positive impact on your laboratory operations. It is currently being implemented by all major IVD companies. Clinical laboratories are encouraged to ask their instrument, middleware, and LIS vendors about their current or planned support for the IICC/IHE Laboratory Analytical Workflow (LAW).

About the IVD Industry Connectivity Consortium

The IVD Industry Connectivity Consortium (IICC) is a global, nonprofit organization that has worked with CLSI, IHE, and HL7 to accelerate the development of an interoperability standard that provides plug-n-play connectivity between instruments, middleware, and LIS systems.

Member companies include: Abbott Laboratories, A&T, Beckman Coulter, Beckton Dickinson, bioMérieux, Data Innovations, Hitachi, IZASA SA, Orchard Software, Ortho Clinical Diagnostics, Roche Diagnostics, Samsung, Siemens Healthcare Diagnostics, Sunquest Information Systems, and SysTelab Technologies SA.

UPCOMING EVENTS

IHE Japan Connectathon

September 13-17, 2016 | Tokyo, JPN
http://bit.ly/ihe_cjpn16

IHE North American Connectathon 2017

January 23-27, 2017 | Cleveland, OH
http://bit.ly/ihe_cna17

IHE European Connectathon 2017

April 3-7, 2017 | Venice, Italy
http://bit.ly/ihe_ceu17

The IHE Connectathons are a cross-vendor, live, supervised, and structured testing event for engineers and IT architects. Participants can test their products against multiple vendors using real-world clinical scenarios contained in IHE's Integration Profiles.