

IICC LAW Testing Strategy

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Domain Coverage

- IA
 - CC
 - Hematology
 - Images
 - Plots
 - Raw data
 - Microbiology
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Robust Testing Support

- Persistence of MLLP Connections
 - Asynchronous Queries
 - Cancelling orders
 - Multiple specimens per order
 - QC material
 - Multiple runs
 - Retransmit results
 - LOINC
 - UCUM
 - Dilutions
 - Prior results
 - Enhanced message data (Patient data, etc)
 - Data validation (AWOS ID, Sample ID, Test ID)
 - Pooled patient specimens
 - Performance (large number of orders, etc.)
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IHE Testing Tools

- Foundation for testing
 - Expectations
 - Static message validation
 - Dynamic message exchange, including partial multi-message scenarios
 - Robust testing capabilities
 - Monitor testing between peers
 - Contract to extend (Karima Bourquard)
 - Virtual testing at AACC
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Certification

- ICSA Labs
 - Independent division of Verizon
 - Testing areas
 - ◆ Consortium Operation and ISO Accreditation
 - ◆ Health IT
 - ◆ Accredited Government Testing Services
 - ◆ Custom Testing Services
 - Pilot at North America Connectathon
 - Tier 1: Conformance to IHE Profiles
 - Tier 2: Demonstrated interoperability among disparate systems
 - Tier 3: Validated implementations of deployed certified technologies
 - Establish strategy for certifying LAW
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IVD Industry Connectivity Consortium (IICC)

Member Organizations: Abbott Diagnostics, Beckman Coulter, Becton Dickinson, bioMerieux, Data Innovations, Orchard Software, Ortho Clinical Diagnostics, Roche Diagnostics, Siemens Healthcare, Systelab

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