



# Streamline Interoperability Certification

Certified Connectivity.  
Finely Tuned Simplicity.

CON/CERT  
BY HIMSS™

# Today's Agenda

- Introductions
- Program Overview
- How ConCert by HIMSS vs ONC health IT certification
- Watch a demonstration of the program's robust, automated Interoperability Test Tool

# Introductions



**John Baus,**  
Sr. Technical  
Manager  
HIMSS



**Salim Kizaraly**  
SVP Business  
Development &  
Founder  
Stella Technology



**Michelle  
Knighton,**  
Health IT Test  
Lab Manager  
ICSA Labs



**Sandra Vance,**  
Sr. Director,  
Interoperability  
Initiatives  
HIMSS

# ConCert By HIMSS Overview

- The EHR|HIE Interoperability Workgroup, IHE USA and HIMSS have formed the ConCert by HIMSS™ program, certifying connectivity for interoperable solutions.
- This comprehensive certification program and stamp of approval ensures market success for innovative clinical technologies, tested solutions for interoperability.

# Transforming Healthcare Delivery for Providers

- Solutions that really work. Certification you can trust
- Peace of mind when purchasing EHRs and HIEs
- Backed by names you trust
- Transparent & collaborative
- Ensures interoperable solutions so that your organization and your patients receive the best care they deserve

# Simplifies and Streamlines the Process for Vendors

- Offers a comprehensive certification for solutions that facilitate secure and reliable data exchange
- Backed by trusted leaders
- Shows your commitment as a provider of innovative interoperable solutions
- Set your products apart from the competition with a vendor-independent interoperability certification
- Reduces cost of custom interfaces to allow focus on innovation

# Three Distinct Certification Programs

*Certification Marks signify compliance and proof that a product has all of the requirements to be interoperable with other certified ConCert by HIMSS products.*



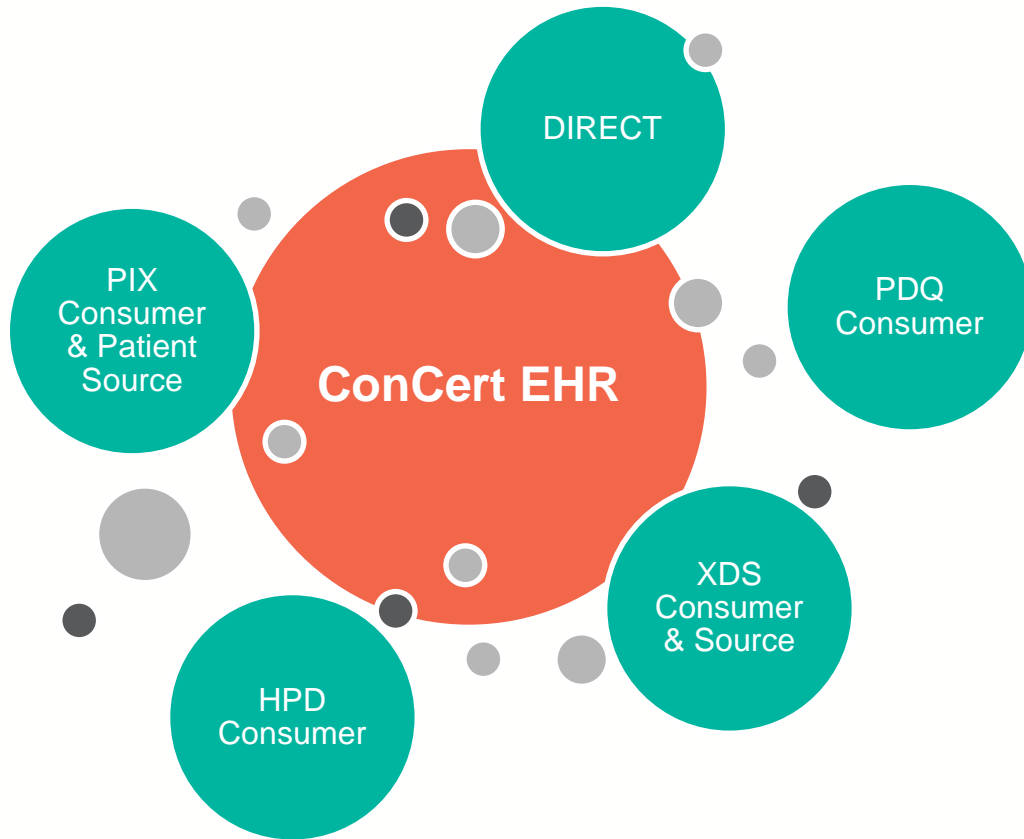
for EHR systems providing a simplified way for providers to send secure health information directly to trusted recipients



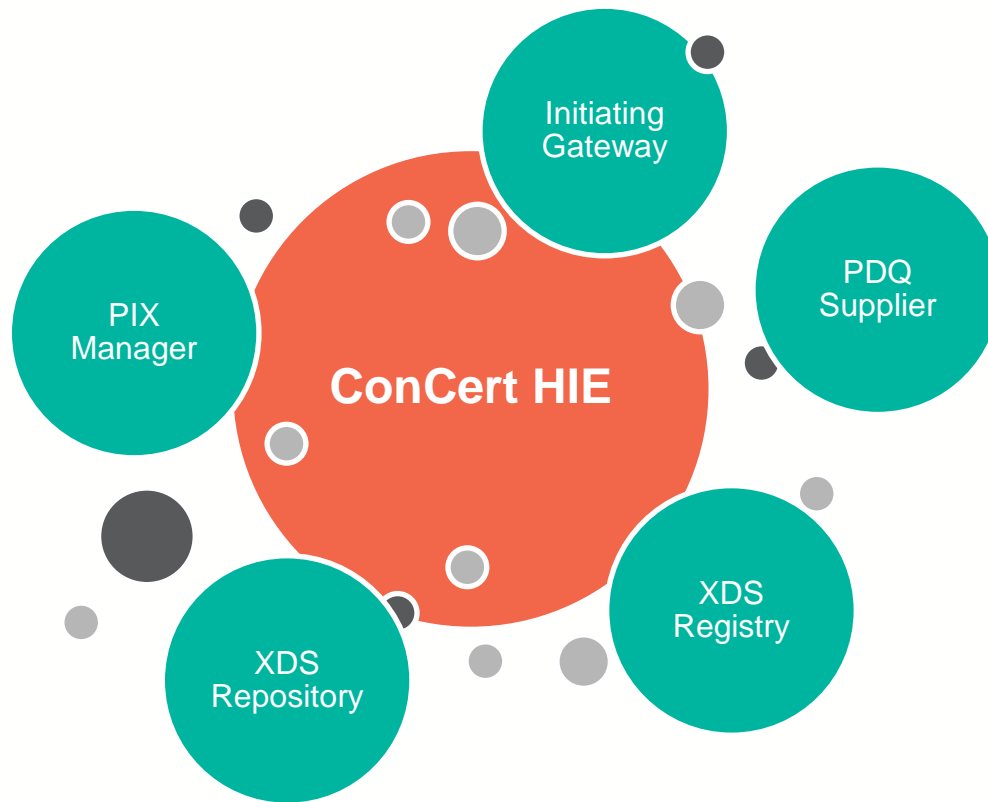
for HIE systems that enable clinicians to share health information within and across care delivery communities

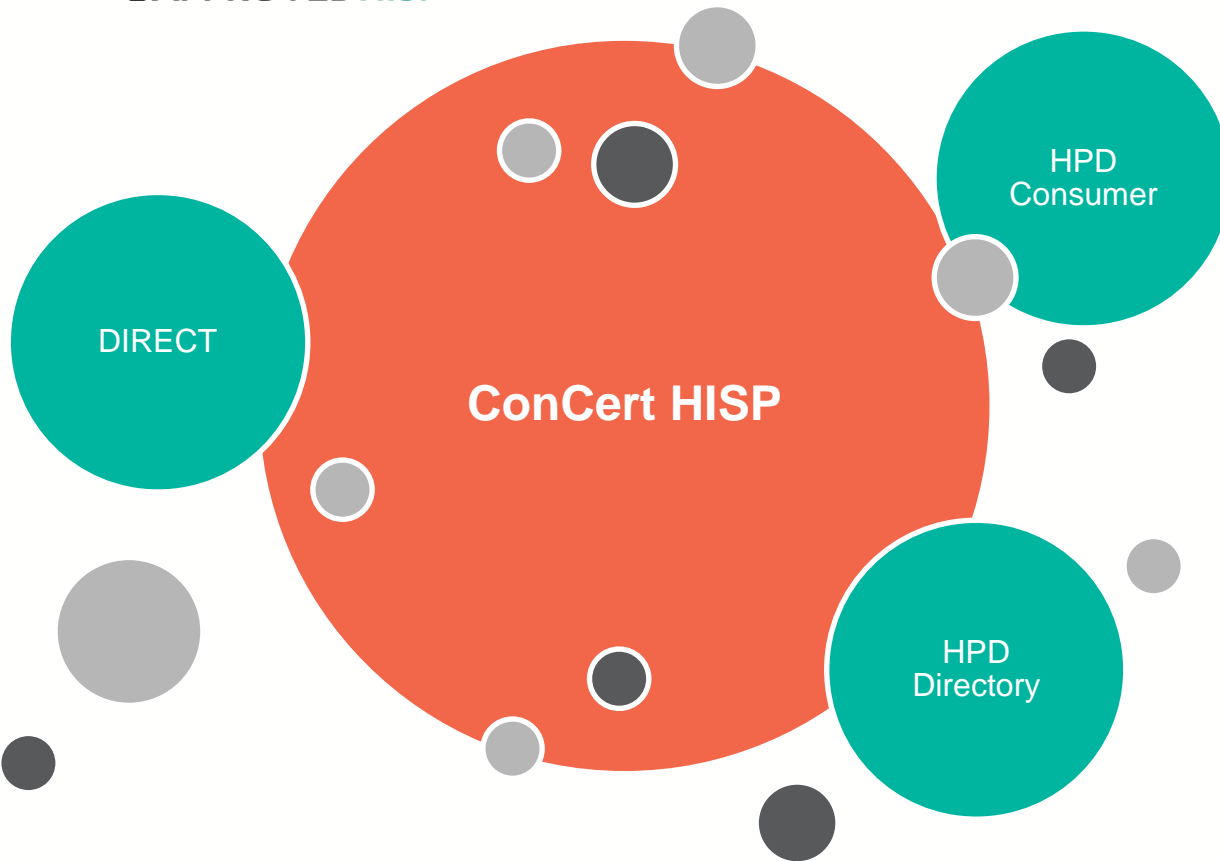


for Health Information Services Provider systems to send secure health information directly to trusted recipients, including patients









# Program Comparison

## ONC Health IT

### 170.314(e)(1) View, Download, and Transmit

Limited to only portions of e1 that utilize Direct XDR

### 170.314(e)(3) Secure Messaging

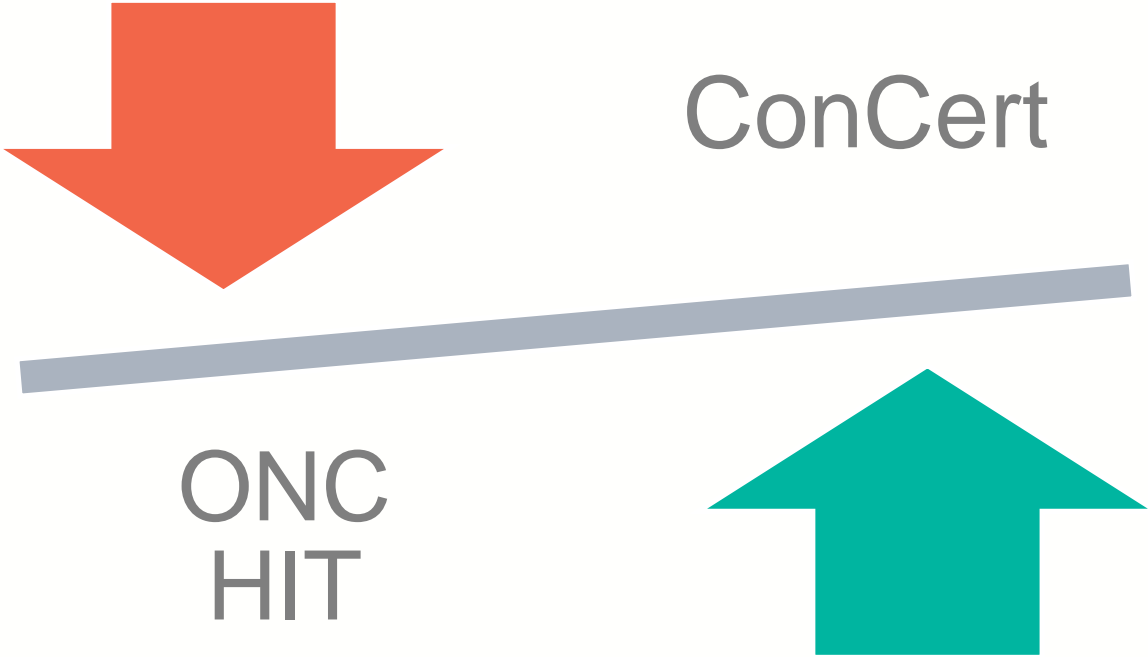
Direct SMTP only

ConCert tests back-end transactions whereas ONC tests front-facing messaging

## ConCert by HIMSS™

- Direct SMTP (with XDM)
- Direct XDR
- HPD Consumer
- HPD Directory
- PDQ Consumer
- PDQ Supplier
- PIX Consumer
- PIX Patient Source
- PIX Manager
- XCA Gateway
- XDS Document Source
- XDS Document Consumer
- XDS Registry
- XDS Repository

# Reciprocity



# Comparison Summary

- ConCert focuses on interoperability *between* disparate information systems whereas ONC HIT allows for similar functionality directly within the *same* system
- Very little overlap between the programs, demonstrating that they complement each other
- ConCert builds upon and goes beyond meaningful use

# Steps to Certification

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## Application

1. Execute contracts for specific product/version undergoing certification testing
2. Send signed contracts and company logo to John Baus at [jbaus@himss.org](mailto:jbaus@himss.org)
3. Complete online ConCert by HIMSS™ [Application Survey](#)

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## Preparation

- Access to program materials and experienced ICSA Labs health IT/security staff
- Customer conducts pre-testing using Interoperability Testing Tool (ITT)
- Attestation materials and pre-validation files submitted for evaluation

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## Pre-Staging

- Attestation materials and pre-validation files evaluated by ICSA Labs
  - Test readiness is assessed
  - Review test protocol and tips for a successful certification test
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# Steps to Certification

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## Test

Virtual, secure testing using WebEx

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Retesting available

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Coding changes allowed, but certified version must include these modifications

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## Certification

Test results and attestation submitted to Certification Body (CB)

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CB evaluation completed within 10 business days

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New certifications posted on the HIMSS Innovation Center website

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## Post-Certification

Certified product subject to industry-standard surveillance

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Product update process accommodates coding changes, bug fixes, and enhancements

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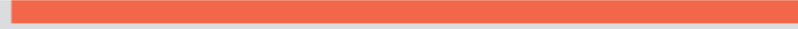
HIMSS award ceremony at the 2016 NA Connectathon for all certified products

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# ITT Tool Overview

Certified Connectivity.  
Finely Tuned Simplicity.





# Interoperability Testing Tool (ITT)

- Cloud-based, automated, self-service tool
- Individual test cases, or group-based testing
- Practice or Certification modes
- All necessary information at your fingertips (SUT, ITT, test cases, specifications, etc.)
- Test results – detail and summary
- Detailed troubleshooting help with references to underlying specifications

# ITT Demo

- System Under Test = EMR
- Demo Steps:
  1. Results Dashboard
  2. Tests Execution
  3. Test Results
  4. Configuration Information

# ConCert by HIMSS™ Pilot Program

The following Pilot Program Leaders have committed to completing 2015 pilot testing

