EHR | HIE Interoperability WORKGROUP
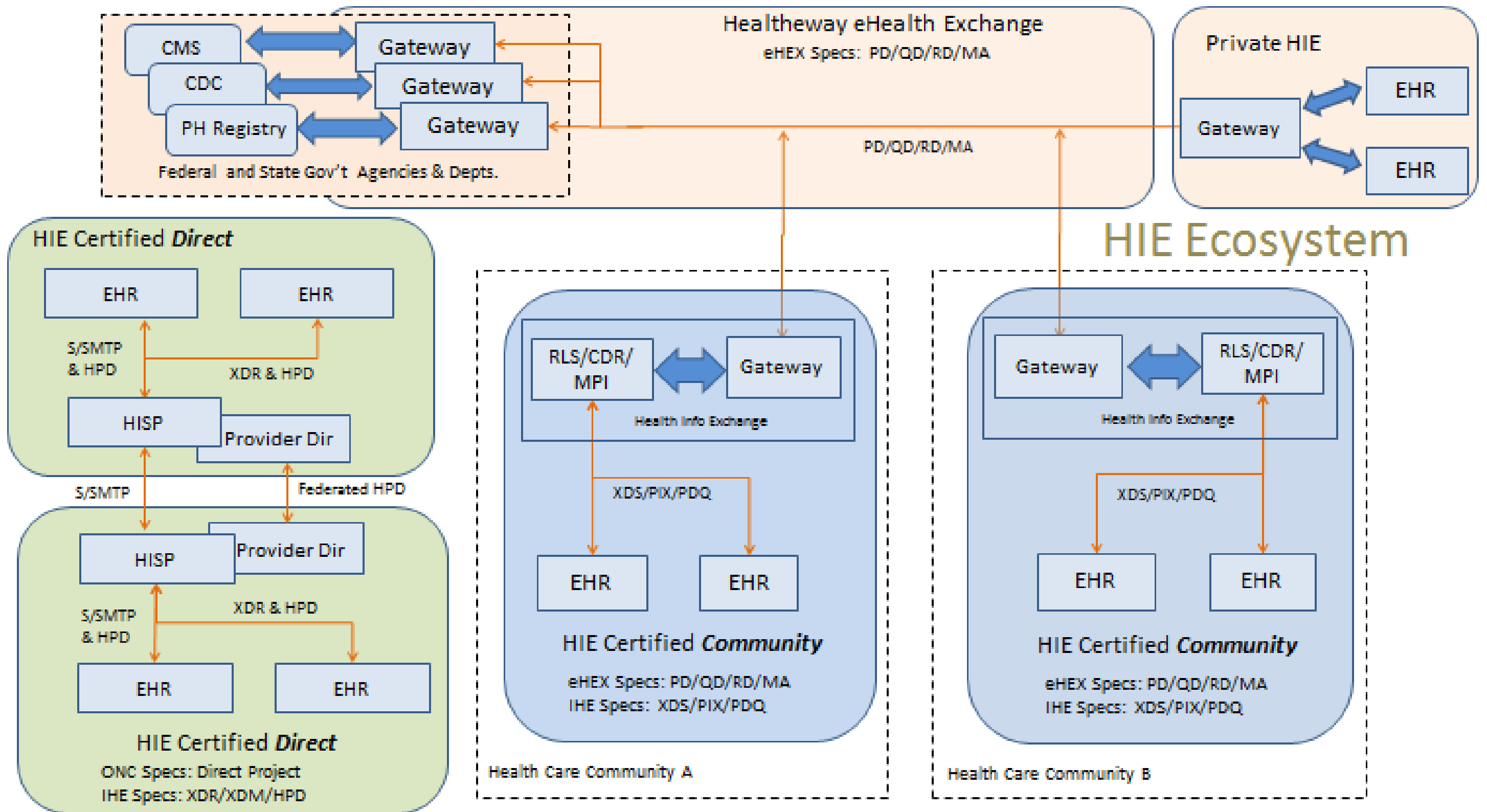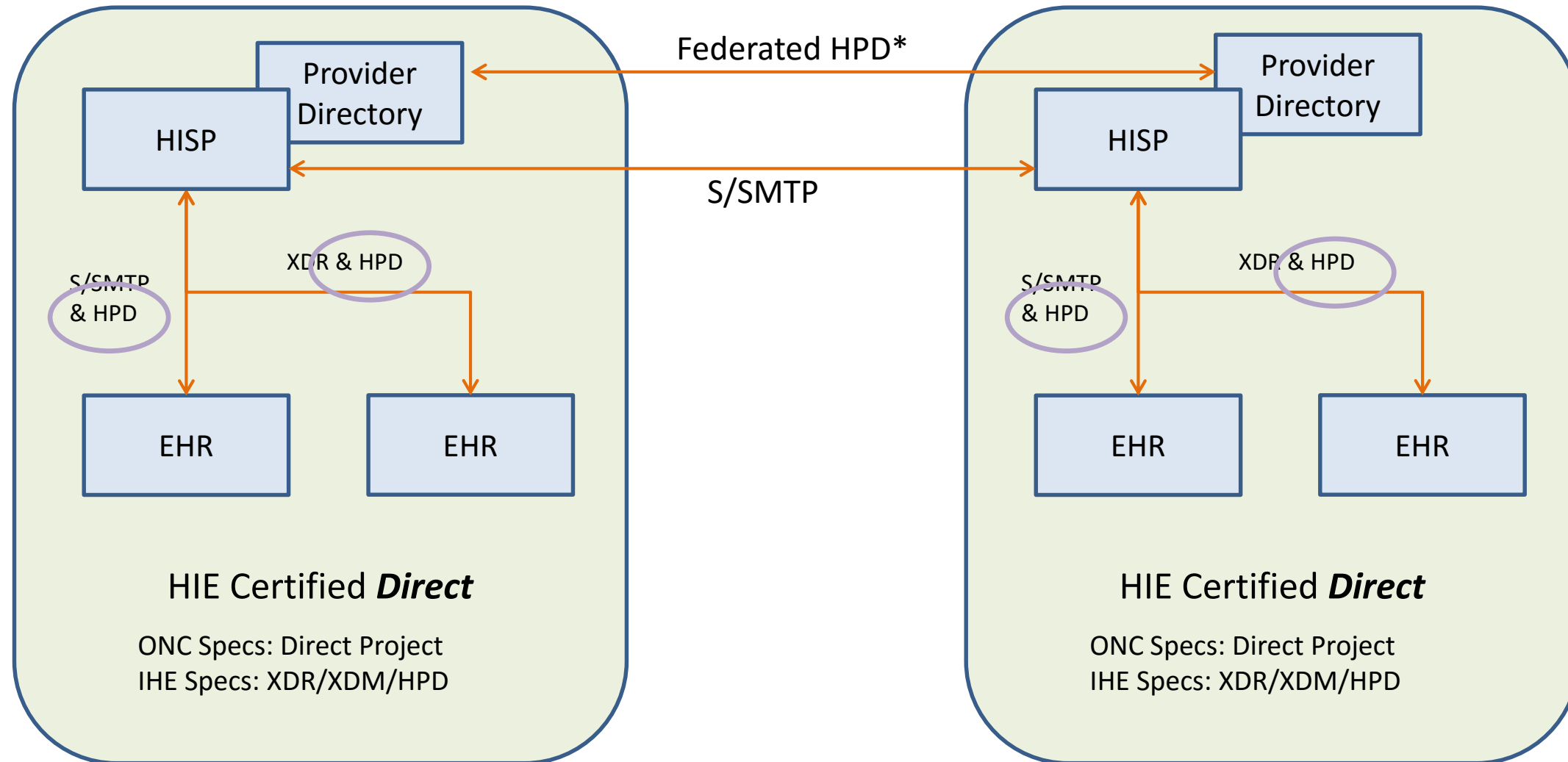
Provider Directory Specification Overview

ONC PD Workshop

April 2016

Healtheway eHealth Exchange
eHEX Specs: PD/QD/RD/MA

HIE Ecosystem

Federal and State Gov't Agencies & Depts.

- CMS
- CDC
- PH Registry
- Gateway
- Gateway
- Gateway

PD/QD/RD/MA

Private HIE
- Gateway
- EHR
- EHR

HIE Certified *Direct*
- EHR
- EHR
- HISP
- Provider Dir

S/SMTP & HPD
XDR & HPD
S/SMTP
Federated HPD

HIE Certified *Direct*
- HISP
- Provider Dir
- EHR
- EHR

S/SMTP & HPD
XDR & HPD

HIE Certified *Direct*
ONC Specs: Direct Project
IHE Specs: XDR/XDM/HPD

Health Care Community A
- RLS/CDR/MPI
- Gateway

Health Info Exchange

XDS/PIX/PDQ
- EHR
- EHR

HIE Certified *Community*
eHEX Specs: PD/QD/RD/MA
IHE Specs: XDS/PIX/PDQ

Health Care Community B
- Gateway
- RLS/CDR/MPI

Health Info Exchange

XDS/PIX/PDQ
- EHR
- EHR

HIE Certified *Community*
eHEX Specs: PD/QD/RD/MA
IHE Specs: XDS/PIX/PDQ

Direct Functionality
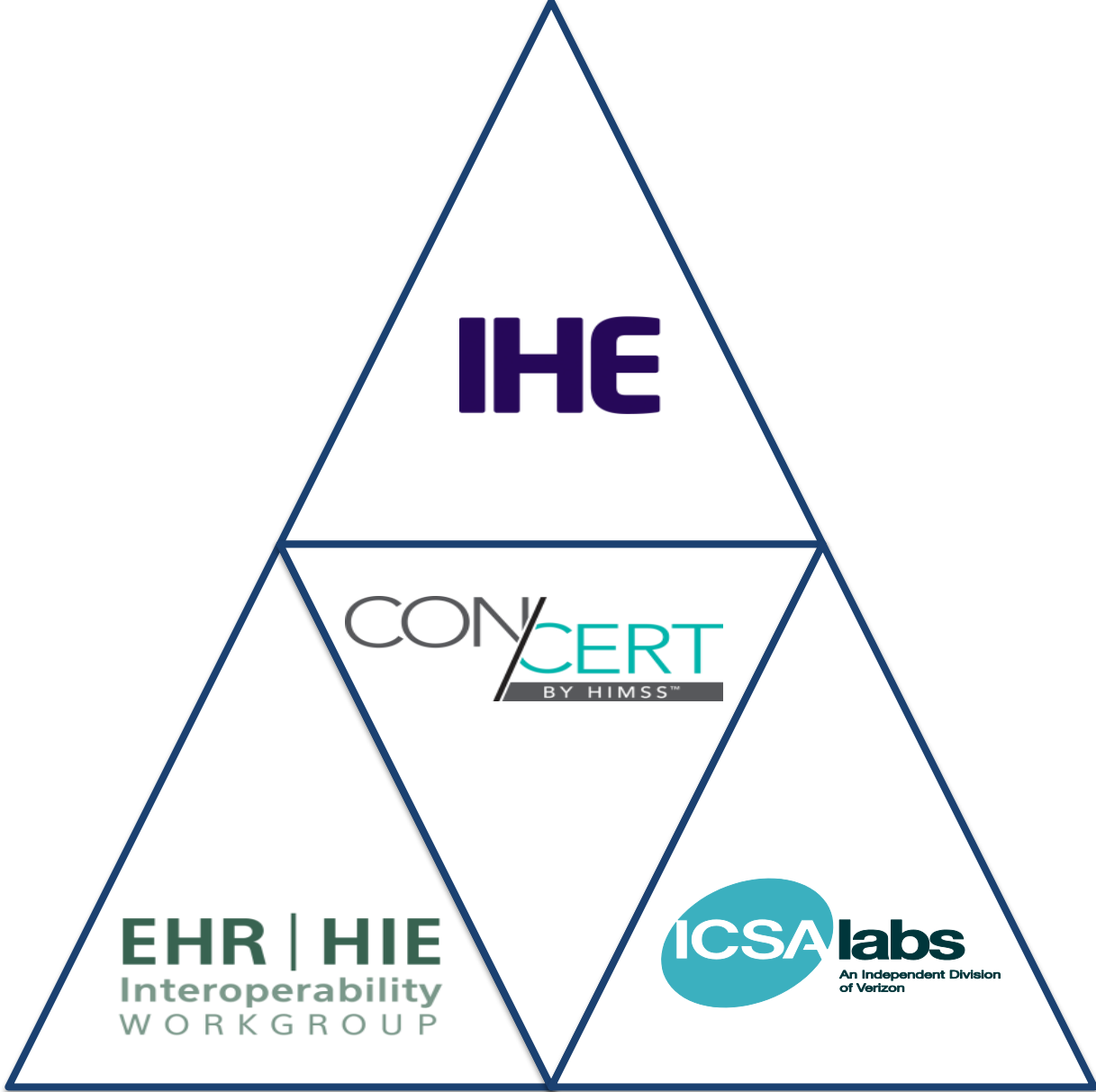
IWG Provider Directory Specification Considerations

- PD Solutions Due Diligence for Statewide Send/Receive Specification
  - Gap in ONC CEHRT program for Direct…recognized by ONC as well
  - Deemed CRITICAL for Direct deployment in communities
  - Multiple solutions being deployed in industry

- ONC Provider Directory Modspec Team Publishes an "HPD+" spec
  - USA-specific revisions to IHE International HPD profile ("CP 601")

- IWG Members Prefer HPD+ to Base HPD Specification

→ IWG Publishes HPD Appendix to Send/Receive Spec based on HPD+

IWG Provider Directory Specification Considerations

- 2013 - ONC Awards Grant to IWG to Explore Models for Querying Provider Directories to support EHR-HISP and HISP-to-HISP Exchange
  - *4 Pilot Communities Monitored [across 4 States using 10 Vendors]*
  - *Confirmed Diversity of Solutions*
  - *Recommendation - Develop a Singular Federated PD Specification*

- IWG and ONC PD ModSpec Team Facilitate Open Discussion for Federated PD Solution
  - *ONC HPD Updates for Federation Accepted by IHE ITI*
  - *Result: Q4 2014: New Federated Option in IHE HPD*

- HPD Appendix Updated to Reference Final IHE HPD Profile
  - *Interoperability Testing Tool (ITT) to be updated [informed by Federated HPD test harness from ESAC...ONC SITE resource]*

Transition of IWG to a Broader Healthcare Industry Partnership

HIMSS 2015

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