



The Office of the National Coordinator for
Health Information Technology

Role of the Nationwide Health Information Network in Streamlining CMS' Medical Documentation Submission Processes

A Demonstration Using a CMS CONNECT Gateway

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Monday
4:15 P.M.

HIMSS11

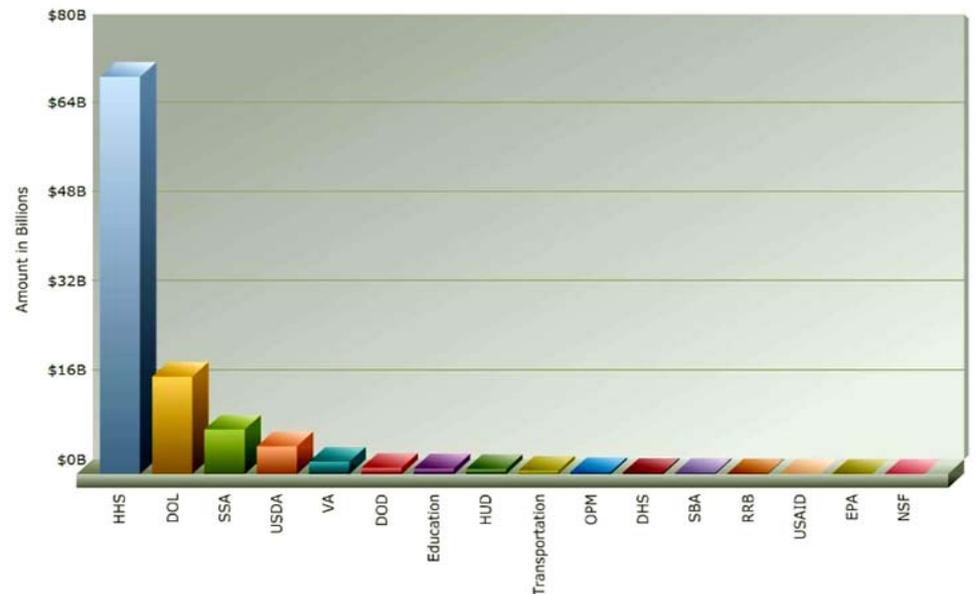
Improper Payments

- » CMS' Office of Financial Management estimates that each year
 - the Medicare FFS program issues more than **\$34.3 B** in improper payments
 - the Medicaid FFS program issues more than **\$22.5 B** in improper payments

- » Most improper payments can only be detected by a **human** comparing:
 - a **claim** to
 - **medical documentation**

Improper Payments by Agency

For Fiscal Reporting Year 2010

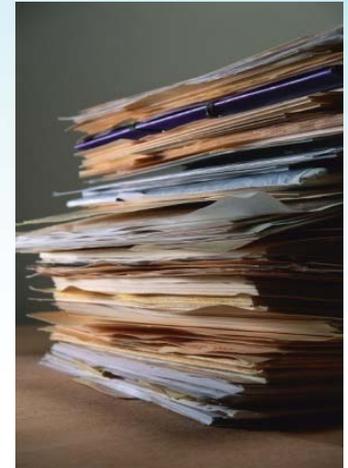


www.paymentaccuracy.gov

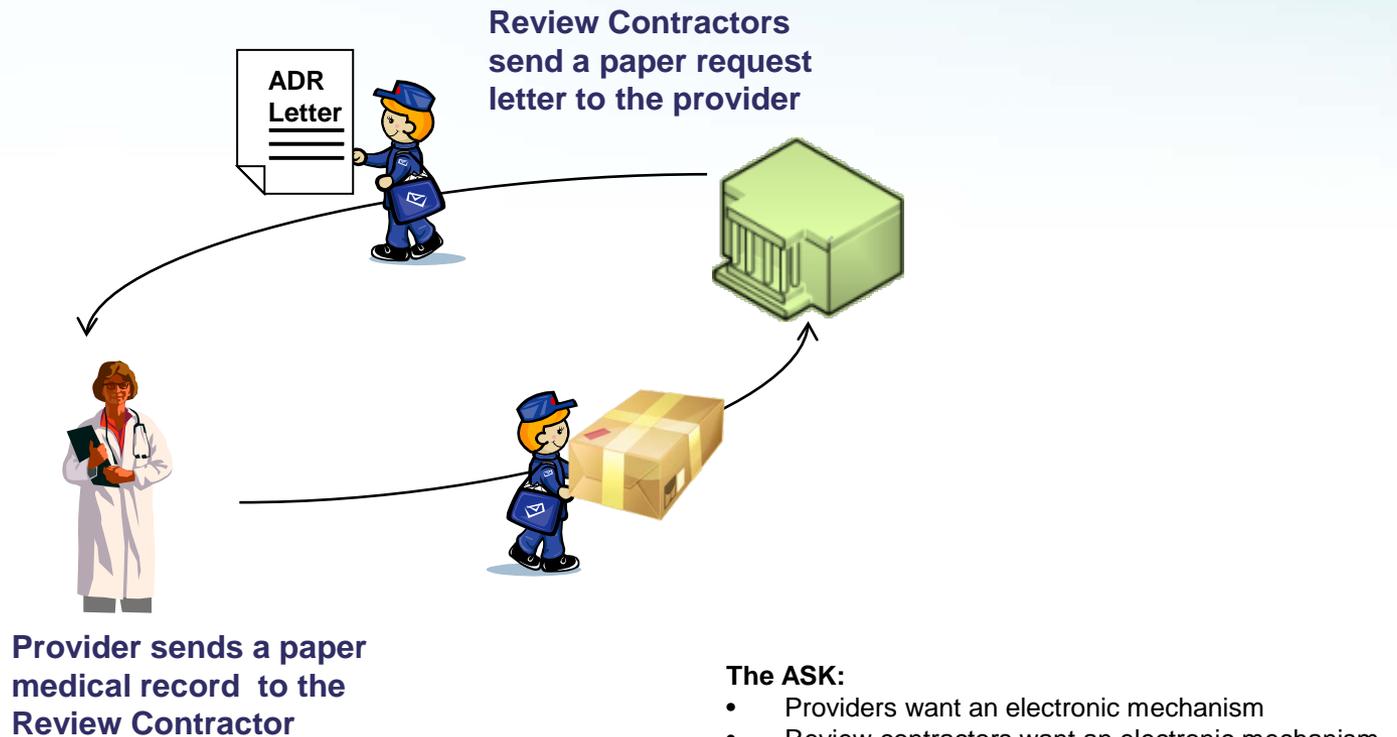


Background Facts about Medical Documentation Requests:

- » Medical Documentation Requests are sent by:
 - MACs
 - CERT Contractor and PERM Contractor
 - RACs
 - ZPICs
- » CMS estimates that in 2010, these contractors will issue an estimated **1 million** requests for medical documentation from Medicare providers
- » Claim review contractors currently receive most medical documentation in **paper** form.
- » Claim review contractors currently receive a tiny number of imaged documents in **CD/DVD** form



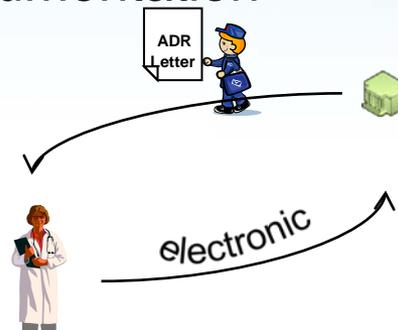
Today's Medical Documentation Process



The Solution

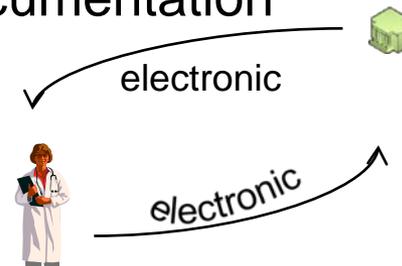
» Phase 1:

- Medicare RAC/MAC sends paper request letters
- Provider sends electronic medical documentation



» Phase 2:

- Medicare RAC/MAC sends electronic requests
- Provider sends electronic medical documentation



The Nationwide Health Information Network

- » is a set of **standards, protocols, legal agreements, and specifications** that a consortium of health information organizations have agreed are necessary for **secure and private** exchange of health information over the public internet.
- » is overseen by the Office of the National Coordinator for Health IT (ONC)
- » is comprised of two parts:
 - **Direct** – designed for an individual to individual submission of health information <http://wiki.directproject.org/>
 - ➔ • **Exchange** – designed for computer to computer exchange of health information
http://healthit.hhs.gov/portal/server.pt?open=512&objID=1407&parentname=CommunityPage&parentid=8&mode=2&in_hi_userid=11113&cached=true
- » CMS' Office of Financial Management will conduct a pilot called Electronic Submission of Medical Documentation (**esMD**) using **Exchange**.
- Providers may continue sending paper/fax (i.e., **esMD will be optional**)



Exchange Gateways

Like the interstate highway system, on-ramps & off-ramps are critical!

- On the Nationwide Health Information Network, on/off-ramps are called “gateways”
- CMS will use **CONNECT** software when building its esMD gateway



What is CONNECT?

- » Gateway software
- » Federally-funded and developed
- » CONNECT advantages:
 - Open-source software solution (freely available)
 - Can be used by federal, other public, and/or private organizations
 - Decreases time to production



Most Providers Won't Build Their Own Gateway But Will Hire an HIH to Provide Gateway Services

A Health Information Handler (HIH) is any company that handles health information on behalf of a provider. Examples include:

(1) Health Information Exchange (HIE)

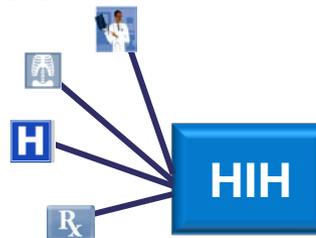
(2) Regional Health Information Organization (RHIO)

(3) Release of Information (ROI) Vendor

a company that manages the release of information for providers. Their services may include: logging and tracking the request, **retrieving** the patient record from multiple locations in multiple formats, Identifying the information needed to fulfill the request, requesting additional authorization, if needed, **copying**, packaging and mailing, and invoicing

(4) Electronic Health Record (EHR) Vendor

(5) Claim Clearinghouse



Volunteer HIHs



<http://www.healthitplus.com>

LEWIS AND CLARK
INFORMATION EXCHANGE

<http://www.lacie-hie.com>



RISARC

<http://www.risarc.com>



<http://www.healthport.com>

IVANS

The experience makes your job easier.

<http://www.ivans.com>



<http://www.mrocorp.com>



<http://www.visionshareinc.com/esMD>



HIH Technical Contractors



<http://www.cerner.com>



<http://www.apenimed.com/>

Global Commerce & Information, Inc.

<http://www.globalci.com/>



esMD HIHs:

- » Get no funding from CMS or ONC
- » Attend calls with CMS (bi-weekly)
- » Build a CONNECT-Compatible Gateway
- » Obtain a certificate, IP address, and share key with CMS Gateway Contractor
- » Test with CMS Gateway Contractor
- » Recruit providers to join
- » “On-Board” to the Nationwide Health Information Network (Jul 2012)
 - Sign Legal agreements (DURSAAs)
 - Test with ONC Gateway Team



What is an Nationwide Health Information Network Participant?

ONC's Definition Today

A Nationwide Health Information Network Participant is **a federal agency or federal contractor** that has successfully completed the “on-boarding” process

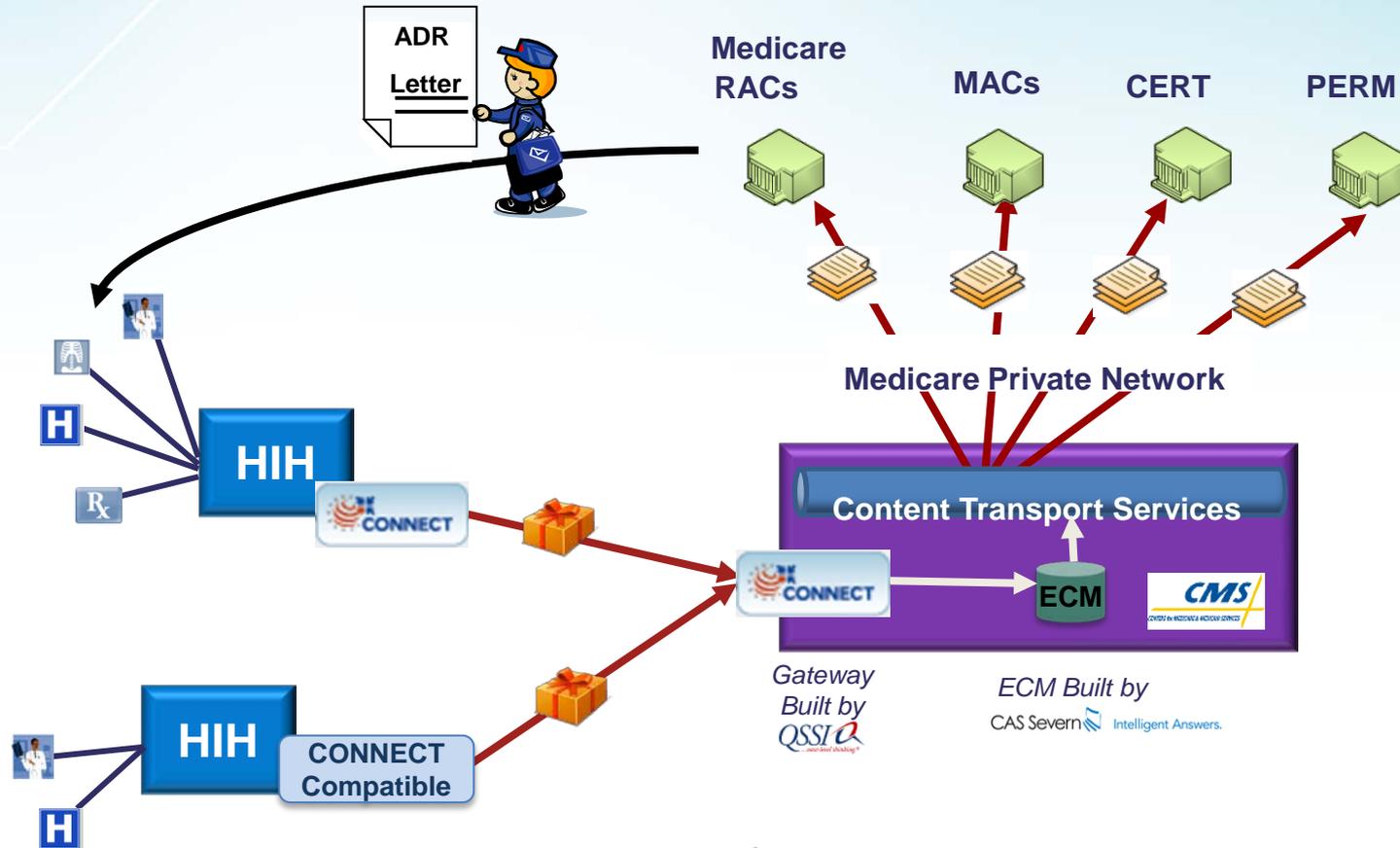


ONC's Definition Starting July 2012

A Nationwide Health Information Network Participant is **any organization** that has successfully completed the “on-boarding” process



esMD in April 2011

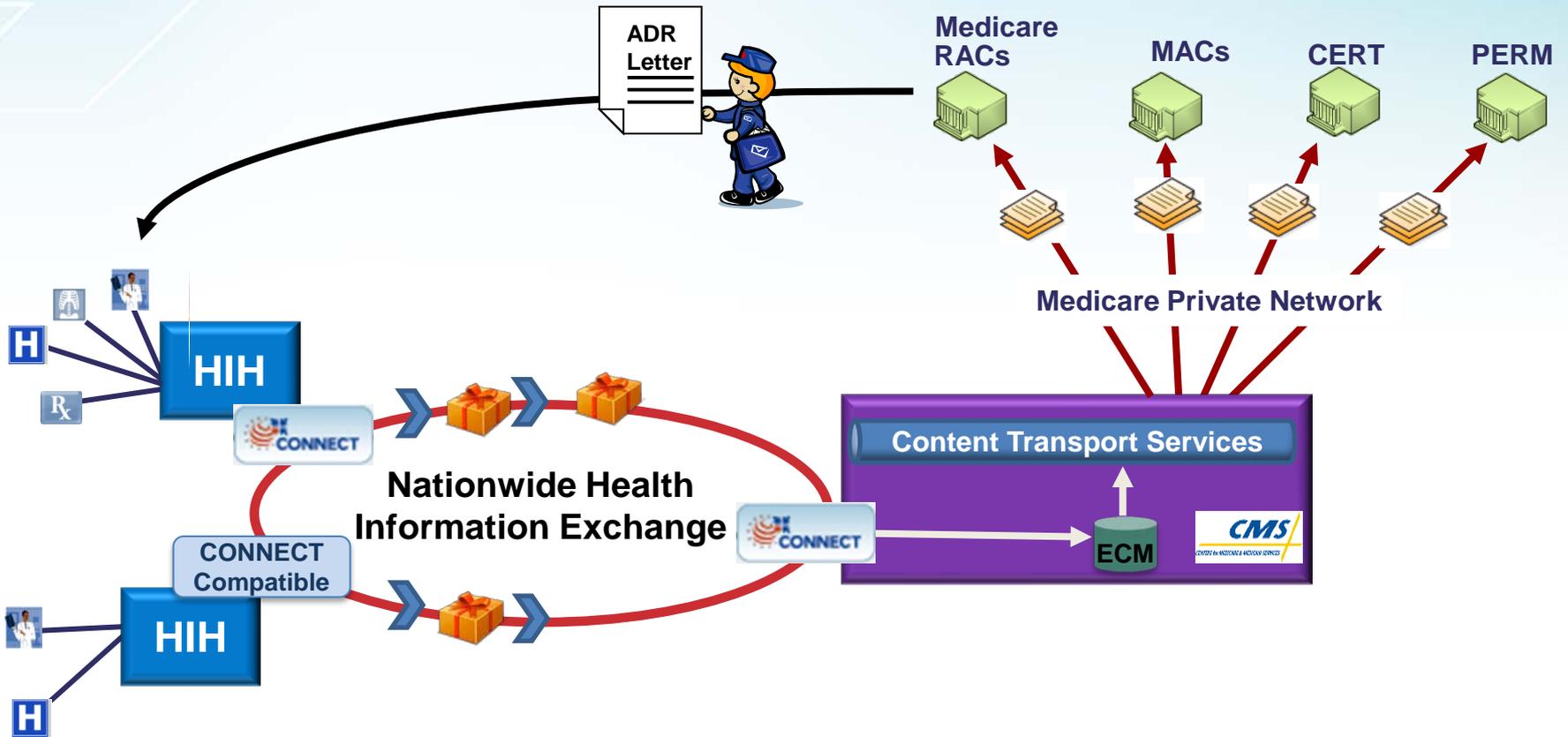


 = a portion of a patient's medical record in esMD format (e.g., a C-62 in XDR) which may contain:

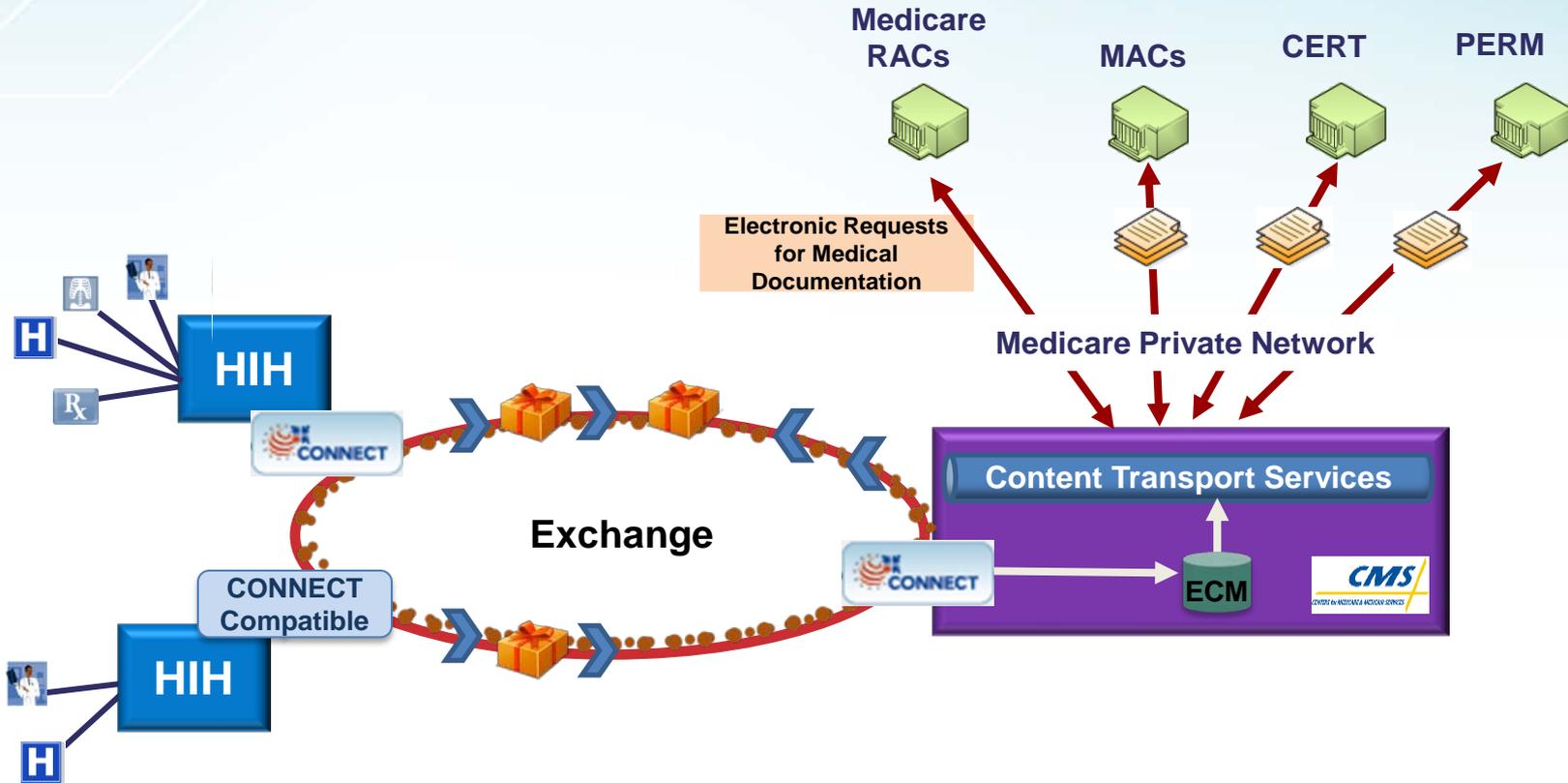
 = **Imaged documents (PDF, TIFF)**
Meta Data: Intended Recipient, Claim ID, NPI



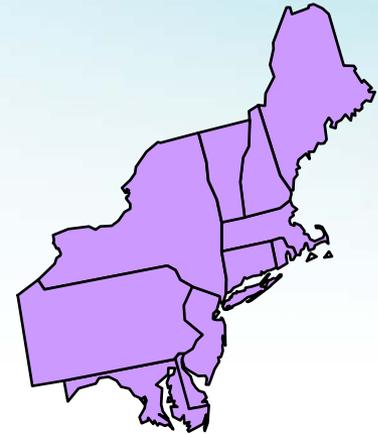
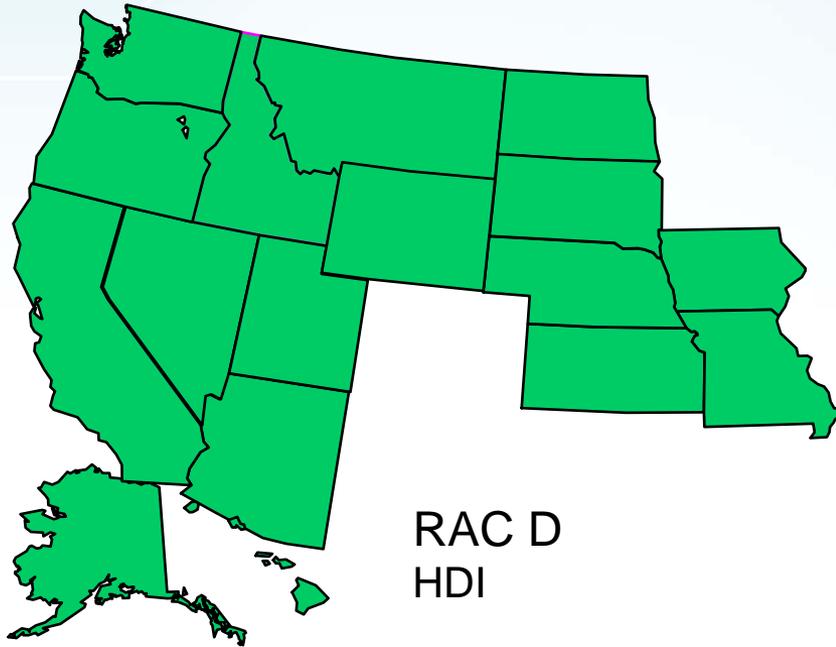
esMD in July 2012



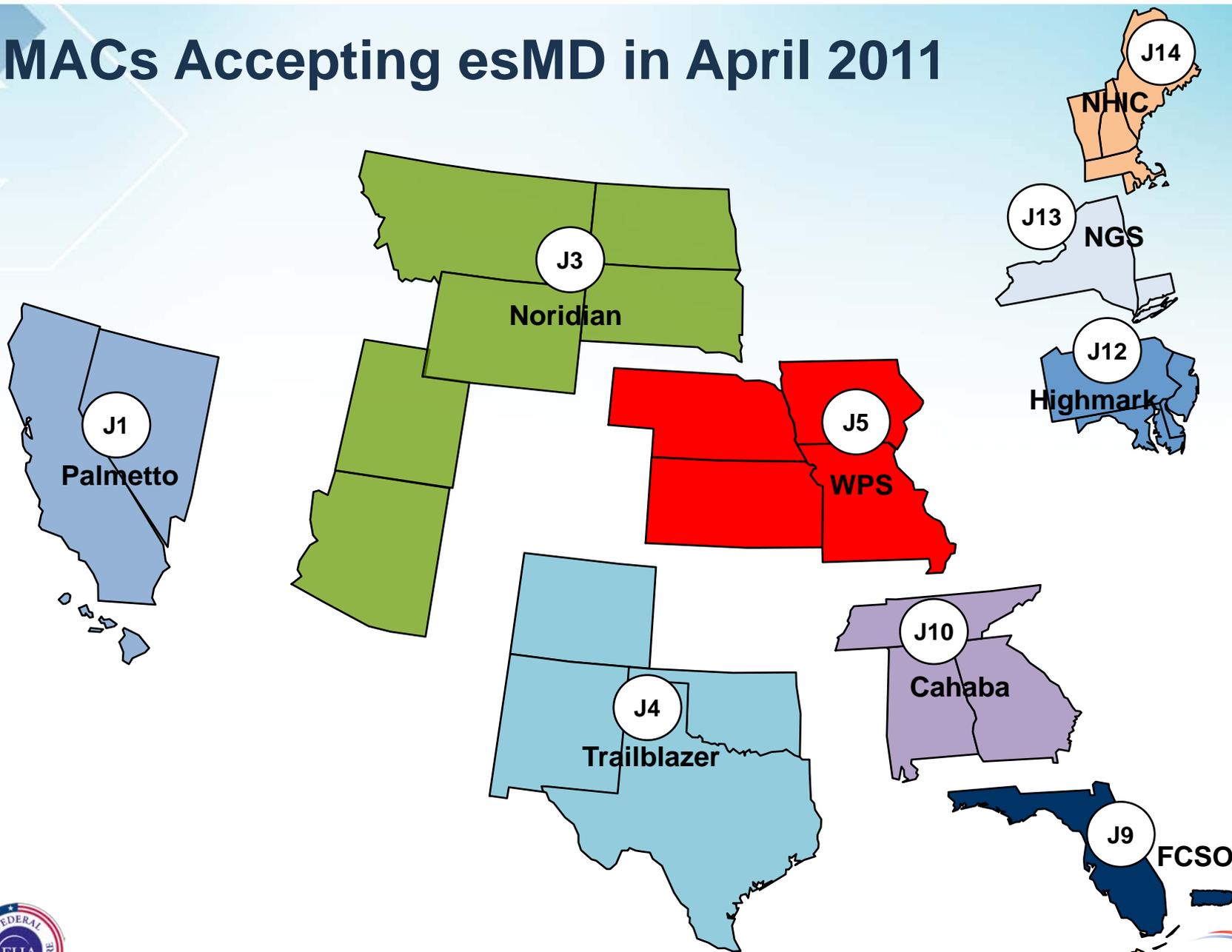
esMD in October 2012 (or later)



Medicare RACs accepting esMD in April 2011



MACs Accepting esMD in April 2011



Also Accepting esMD in April 2011:

- » CERT Contractor
- » PERM Contractor

Accepting esMD in May 2011 or later:

- » RAC C
- » Zone 1 ZPIC
- » Zone 7 ZPIC

Accepting esMD before December 2011:

- » All remaining MACs (including DME MACs)



Where will HHS offer esMD services?

	RAC A DCS	RAC B CGI	RAC D HDI
LACIE			X
RISARC			X
IVANS	X	X	X
MRO	X	X	X
VisionShare	X	X	X
HealthPort	X	X	X
HealthITPlus	X	X	



Where will HIHs offer esMD services?

	MAC J1 (CA, NV, HI)	MAC J3 (AZ, MT, ND, SD, UT, WY)	MAC J4 (CO, NM, OK, TX)	MAC J5 (NE, KS, IA, MO)	MAC J9 (FL, PR, VI)	MAC J10 (AL, GA, TN)	MAC J12 (DE, DC, MD, NJ, PA)	MAC J13 (CT, NY)	MAC J14 (ME, MA, NH, RI, VT)
LACIE				X					
RISARC	X								
IVANS	X	X	X	X	X	X	X	X	X
MRO		X	X	X		X	X	X	X
VisionShare	X	X	X	X	X	X	X	X	X
HealthPort	X	X	X	X	X	X	X	X	X
HealthITPlus						X	X	X	



Providers submitting via esMD

» In April 2011, we estimate:

- 74 Part A providers
- 209 Part B providers



» In December 2011, we estimate:

- 592 Part A providers
- 1091 Part B providers



Definition of an esMD Package



A portion of a patient's medical record in esMD format which will contain:

- » **Imaged documents (PDF and TIFF)**

- » **Important Metadata Fields:**
 - Intended Recipient – Required Field
 - Claim ID – Required Field
 - NPI – Required Field
 - Case ID – Required If Known

Detailed description for each field can be found in:

- the esMD Profile (<http://www.connectopensource.org/product/connect-NHIN-specs>)
- the esMD Implementation Guide (www.cms.gov/esMD)



esMD Technical Documents for HIs and IT Vendors

	esMD XDR Profile Definition	esMD XDR Implementation Guide	esMD X12 Profile Definition	esMD X12 Implementation Guide
Location of Document	http://www.connectopensource.org/product/connect-NHIN-specs	Soon available on www.cms.gov/esMD	Currently available at http://NHIN-exchange.wikispaces.com/CMS+esMD ; Soon available on http://www.connectopensource.org/product/connect-NHIN-specs	Soon available on www.cms.gov/esMD
CONNECT transport support	XDR interchange Module in CONNECT v3.1		X12 Interchange support is TBD	
Payloads Accepted	Initially, will accept HITSP C-62 unstructured documents in XDR interchange		Initially, will accept HITSP C-62 unstructured documents in ASC x12 275 EDI interchange	
Date HIs Can Begin Submitting	esMD Go Live Date (April 2011)		TBD (probably September 2011 or later)	



Want to become an esMD HIH?

- » Fill out an esMD HIH Questionnaire at the QSSI booth #6243
- » Visit <http://www.cms.gov/esMD>



Want to be an esMD HIH but don't know how to build a gateway?

- » Consider contacting the esMD HIHs (see slide 10)
- » Consider contacting one of the IT vendors currently assisting esMD HIHs (see slide 11)
- » Consider contacting one of the IT vendors listed on <http://www.connectopensource.org/partners>



Timeline

» February 2011:

Security testing and evaluation of CMS Gateway

» March 2011:

test CMS Gateway with HIHs' Gateways

test Content Transport Service with Medicare RACs/MACs

» April 2011:

Go Live (providers start submitting documentation for real cases)



For More Information

To contact anyone on the esMD Team (CMS, QSSI, CAS Severn):
esMDTeam@qssinc.com

CMS esMD Website: www.cms.gov/esMD

CONNECT Website:
<http://www.connectopensource.org>



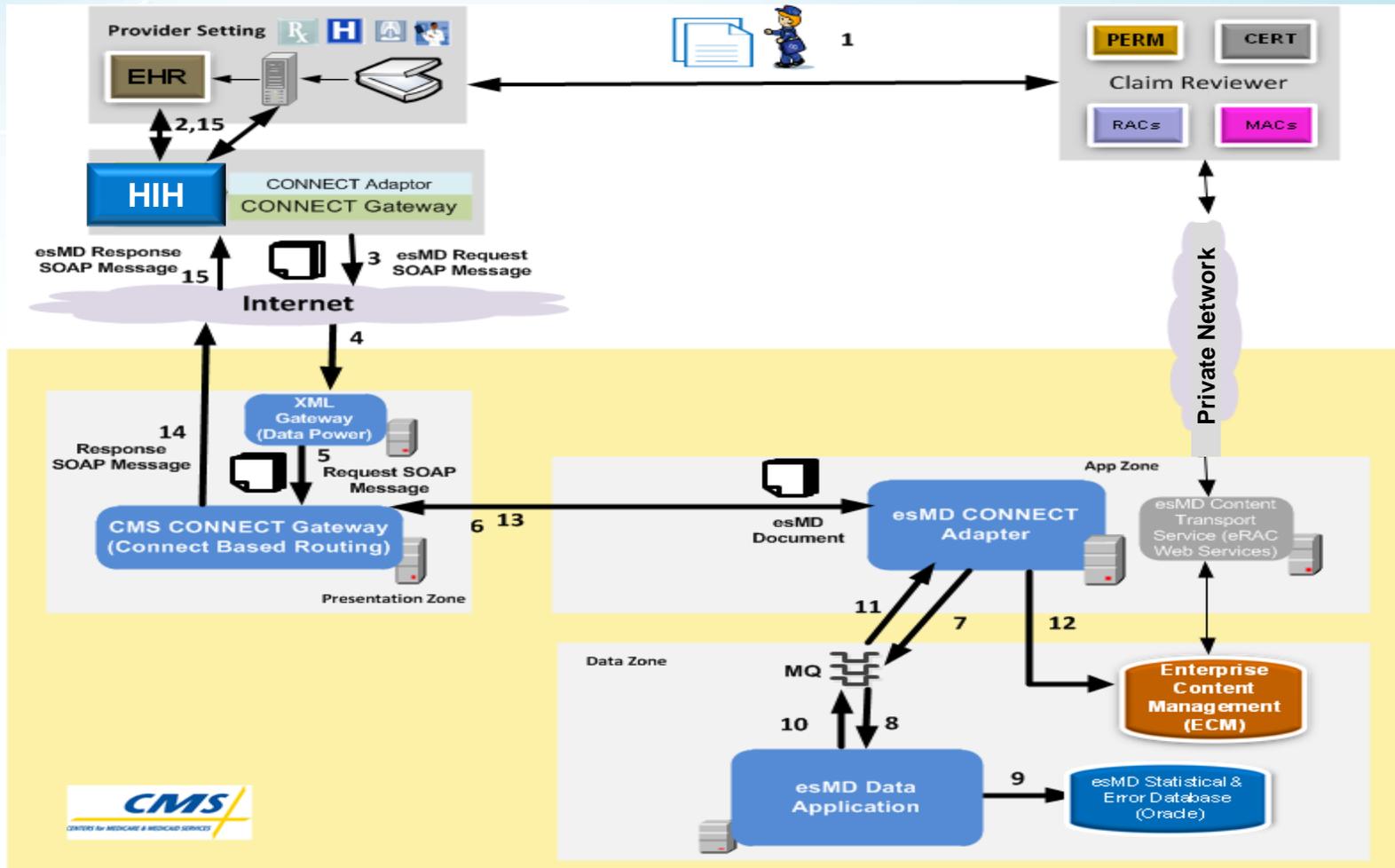
Questions from the audience



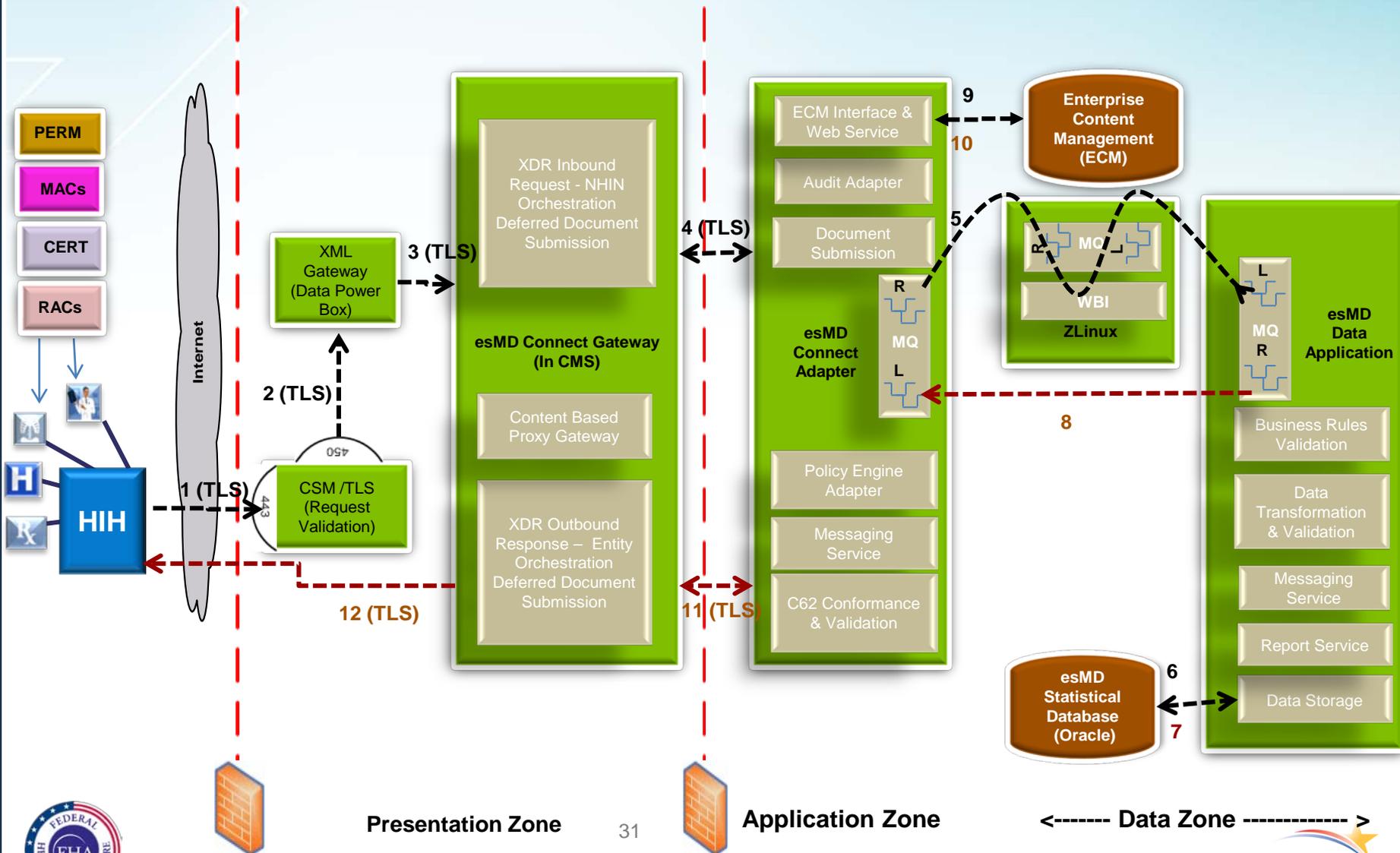
e **S** **Electronic**
M **D** **Submission**
of Medical
Documentation



High Level Business Concept



esMD System Architecture



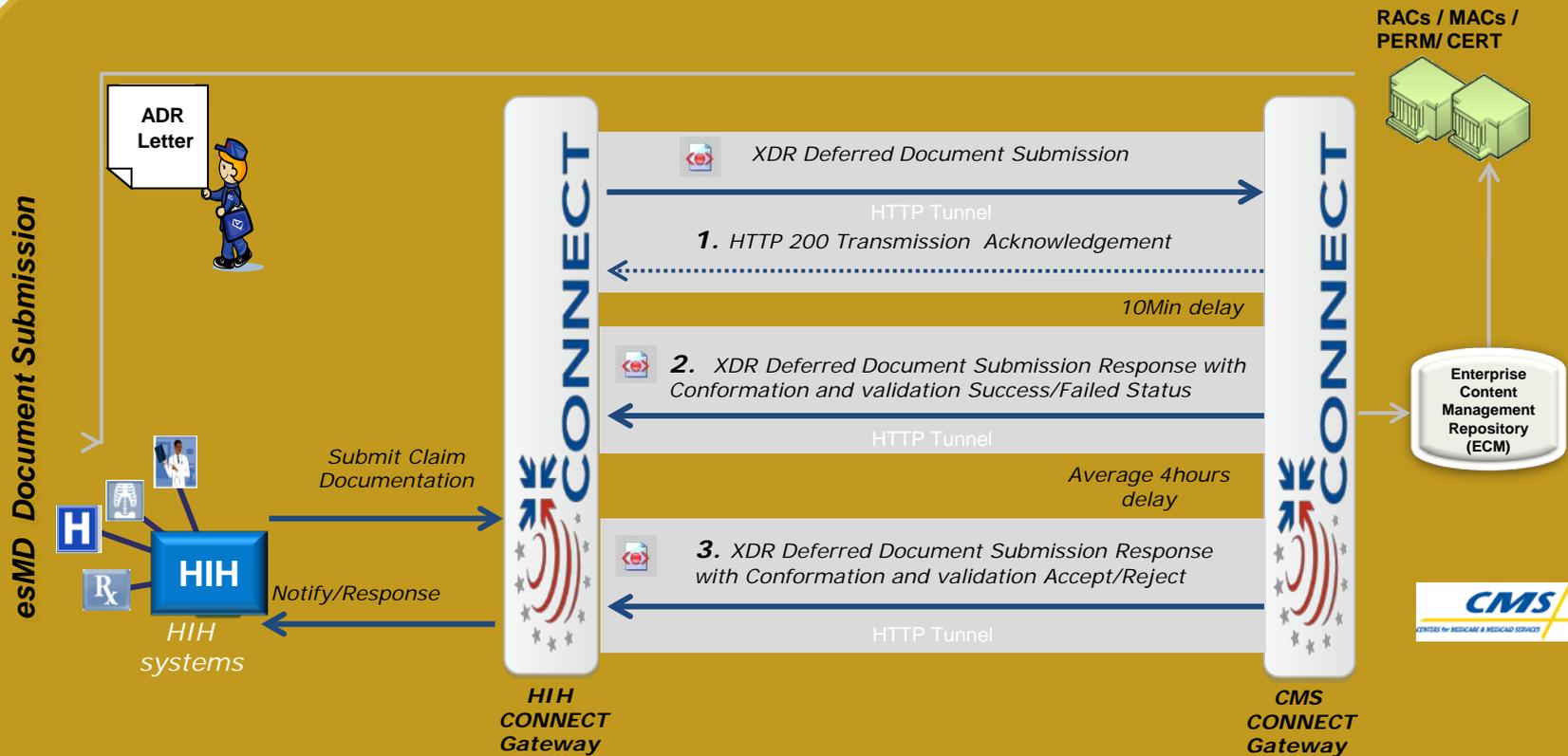
Presentation Zone

31

Application Zone

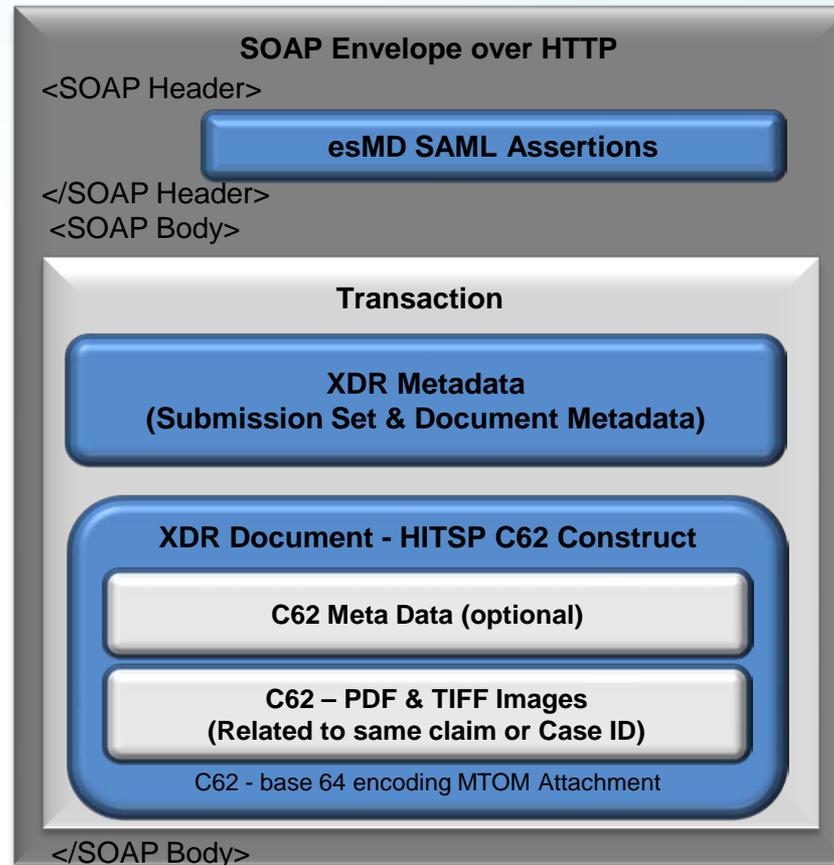
←----- Data Zone ----->

External and Internal Communications



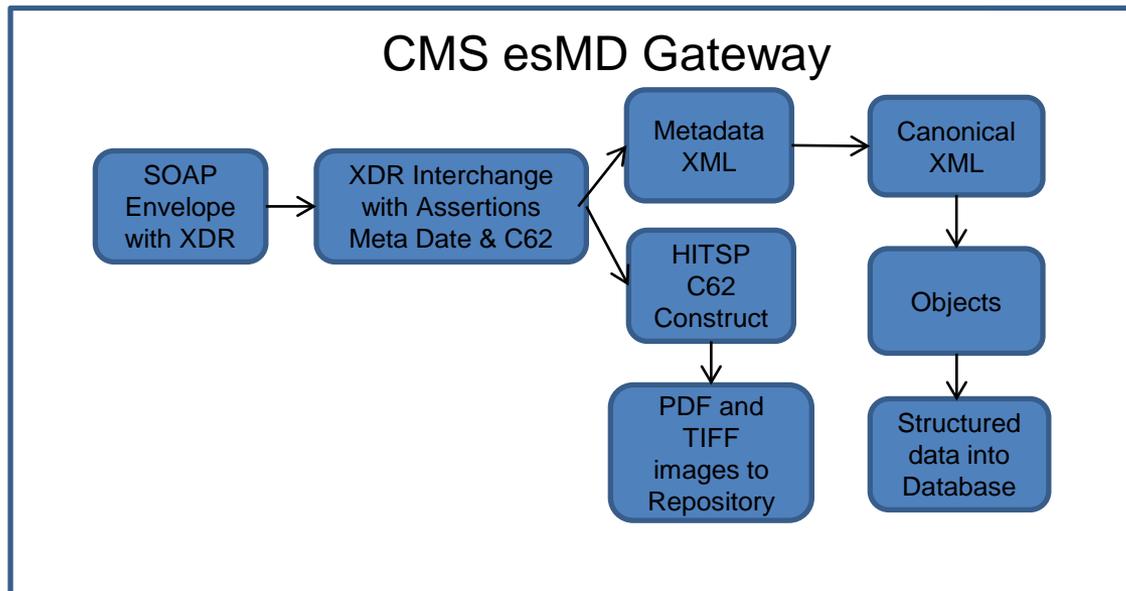
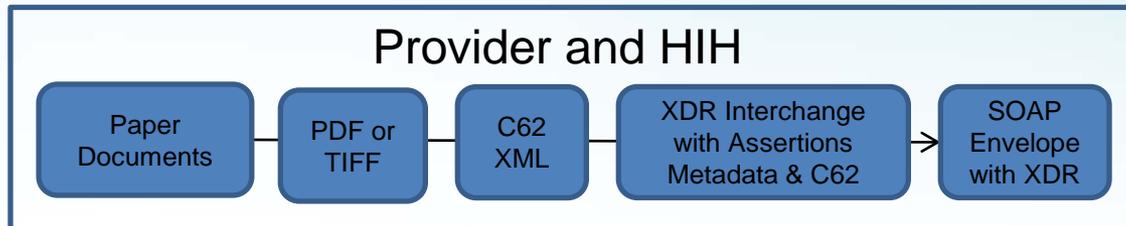
Standards Conversion

XDR - SOAP Envelope



Standards Conversion

Data Transformation Flow





The Office of the National Coordinator for
Health Information Technology

Transition Slide

