



EMDI

The diagram features a central blue hexagon with the text 'EMDI' in large, bold, blue letters. An orange curved arrow with a star at its tip points from the left towards the 'EMDI' text. Surrounding the central hexagon are several other hexagons, each containing an icon and a label: 'Quality' (target icon), 'Efficiency' (gear and clock icon), and 'Reliability' (thumbs up and target icons). The background is a light blue gradient with a hexagonal pattern.

Quality

Efficiency

Reliability

**SOLUTIONS
DELIVERED.**

Electronic Medical Documentation Interoperability (EMDI) Initiative

Outline for Today's Session



EMDI



EMDI at CMS

Interoperability with EMDI

Pilot Program Details

Path Forward



EMDI at CMS

EMDI's Alignment with CMS Goals



CMS
Office of the
Administrator
(Burden Reduction
Team)

Reduce Provider
Burden

Center for
Program
Integrity
(CPI)

Reduce
fraud,
waste, and
abuse

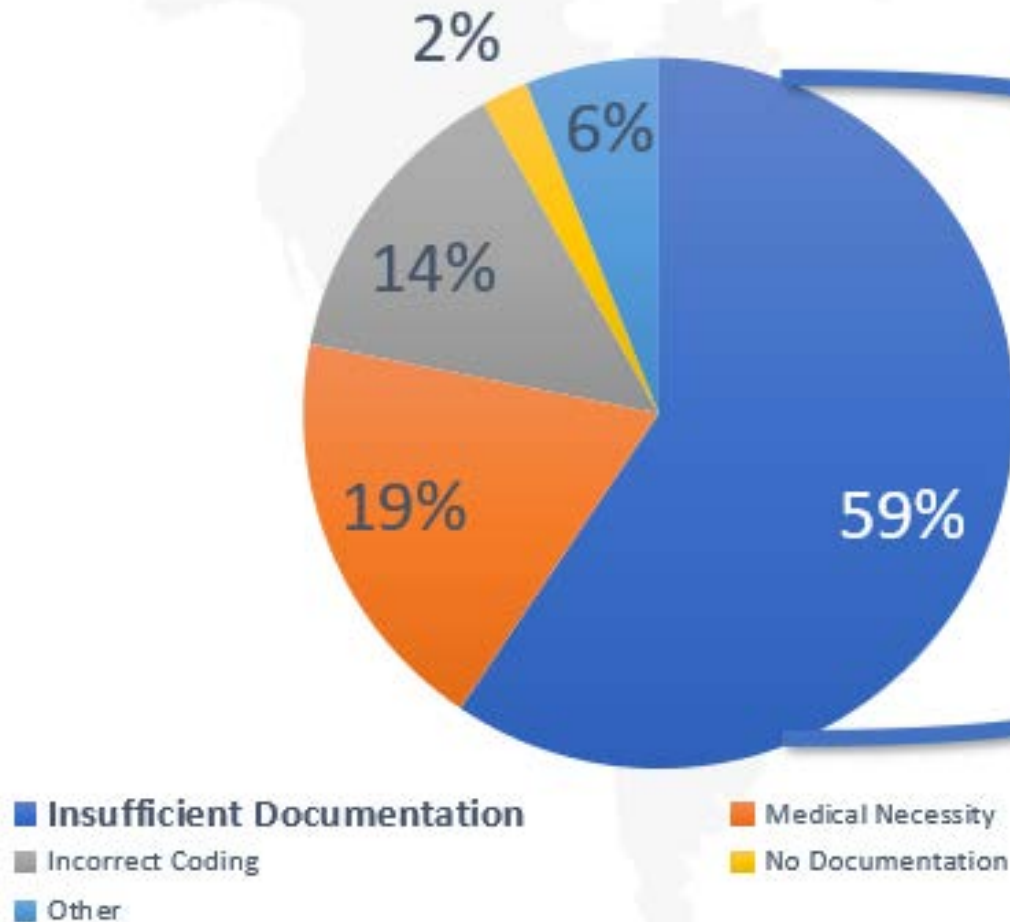
Provider
Compliance
Group (PCG)

Reduce
improper
payments


EMDI

CMS Identified the Need for Improved Provider Workflow That Can Help Reduce Provider Burden

Improper Payment Rate Error Categories by Percentage of 2019 National Improper Payments



Primary reason for Insufficient Documentation is the current non-interoperable workflow that is:

Paper-Based Burdensome Unsecure
Inefficient Unorganized

EMDI Conducts Voluntary Pilot Programs To:

- Reduce Provider Burden
- Improve Provider-to-Provider Workflow and Communication
- Promote the use of Health IT standards
- Contribute in achieving nationwide Interoperability



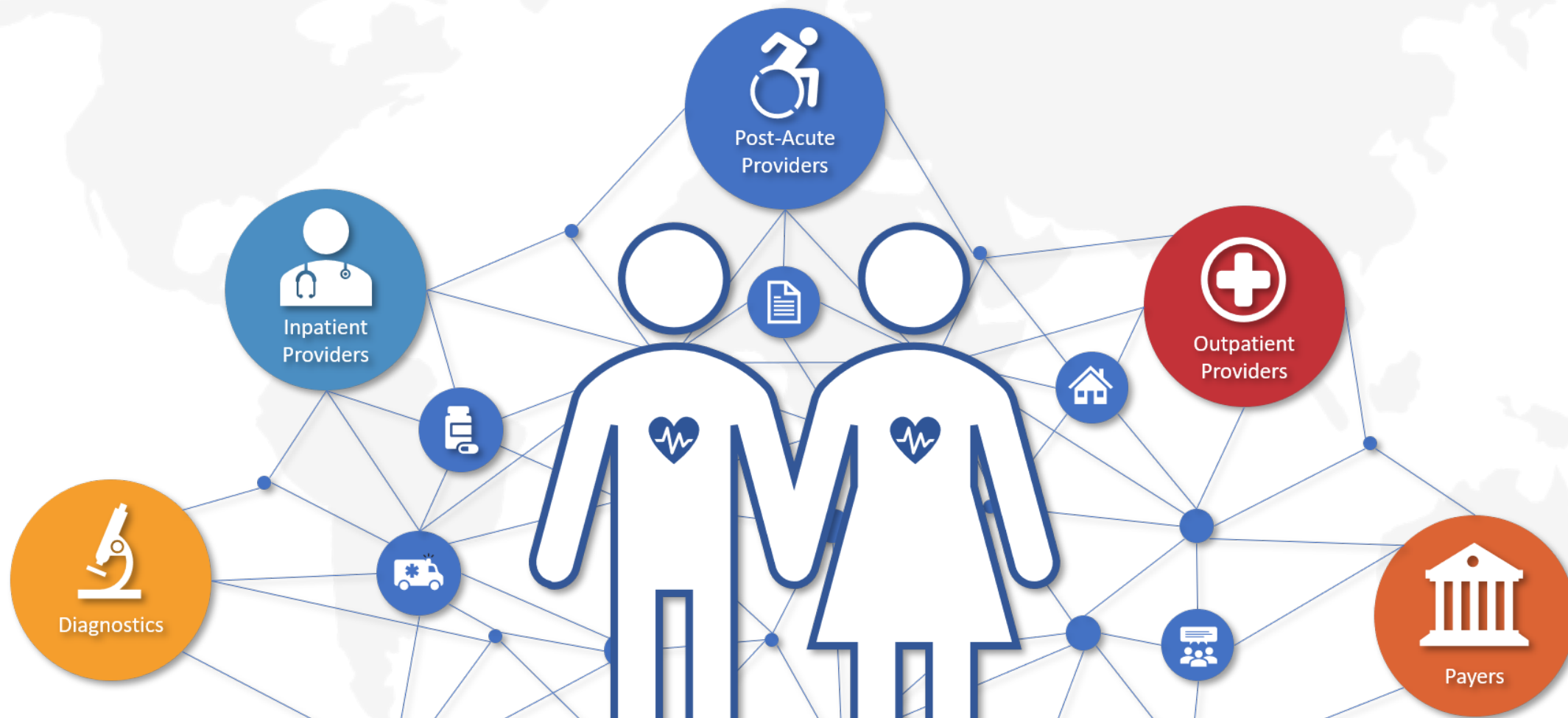
Interoperability with EMDI

Interoperable Healthcare Ecosystem

Interoperability is the ability of a system to:

Exchange electronic health information with another system

Use electronic health information received from another system



Benefits of Interoperable Clinical Workflows

Interoperable Clinical Workflow will lead to:

Safer and Holistic Transitions of Care

Better patient Outcomes and coordinated treatment

Improved Communication between Providers

Reduced Cost, Time, and Burden on Providers

Reduced Claim Appeals

Increased Patient Access to Data

EMDI Focuses on Communication between Service Ordering and Rendering Providers



Service Ordering Providers

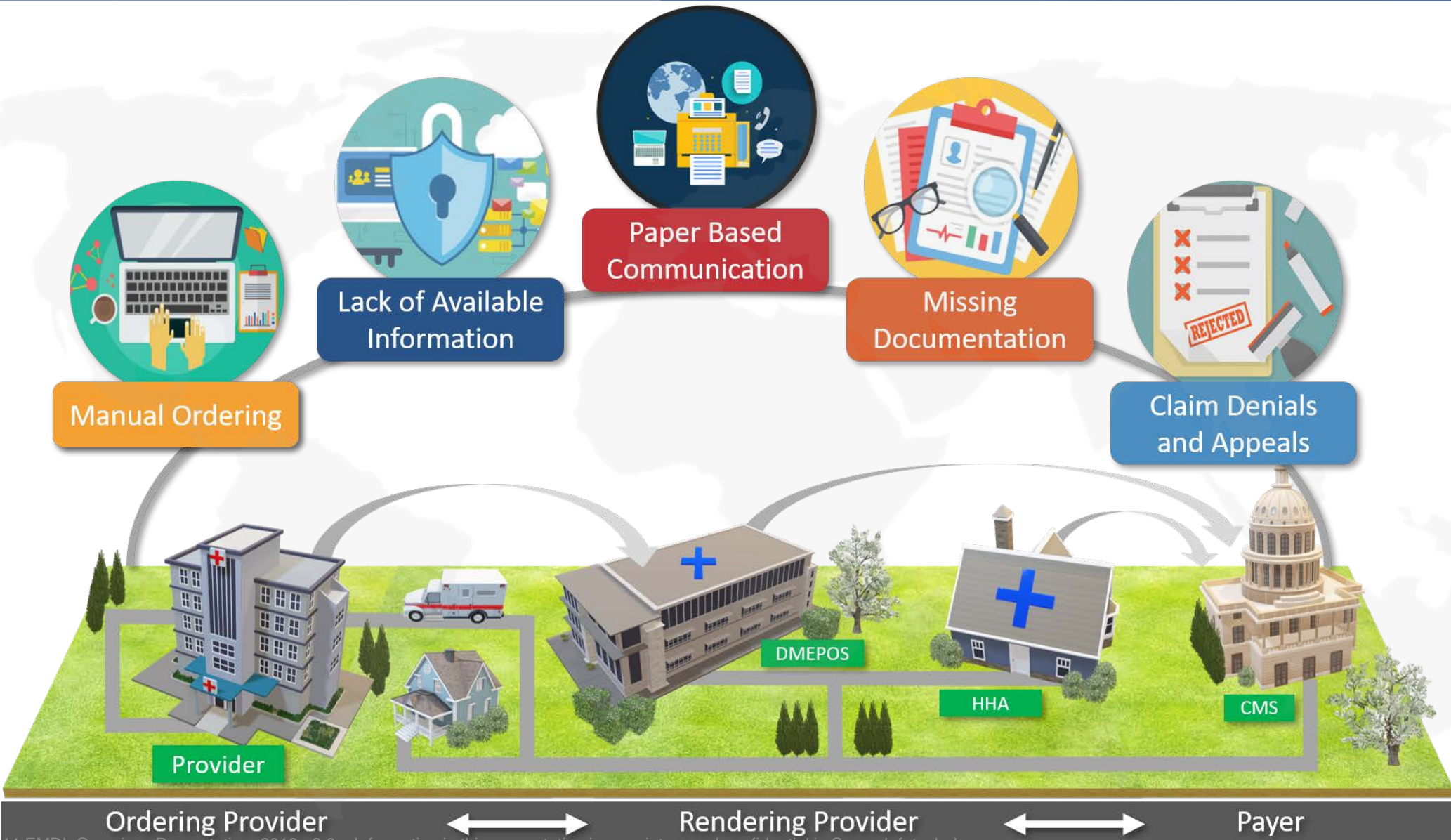
- Emergency Care
- Urgent Care
- Short term Stabilization
- Per Hospital Care
- Critical Care
- Trauma care & Acute Care Surgery



Service Rendering Providers

- Home Health Agencies
- Durable Medical Equipment Supplier
- Physical Therapy
- Long-Term Care Hospitals
- Inpatient rehabilitation facilities
- Skilled Nursing Facilities

EMDI Identified the Burden Involved in Provider-to-Provider Communication



EMDI's Interoperable Use Cases (UC)



Ordering Provider

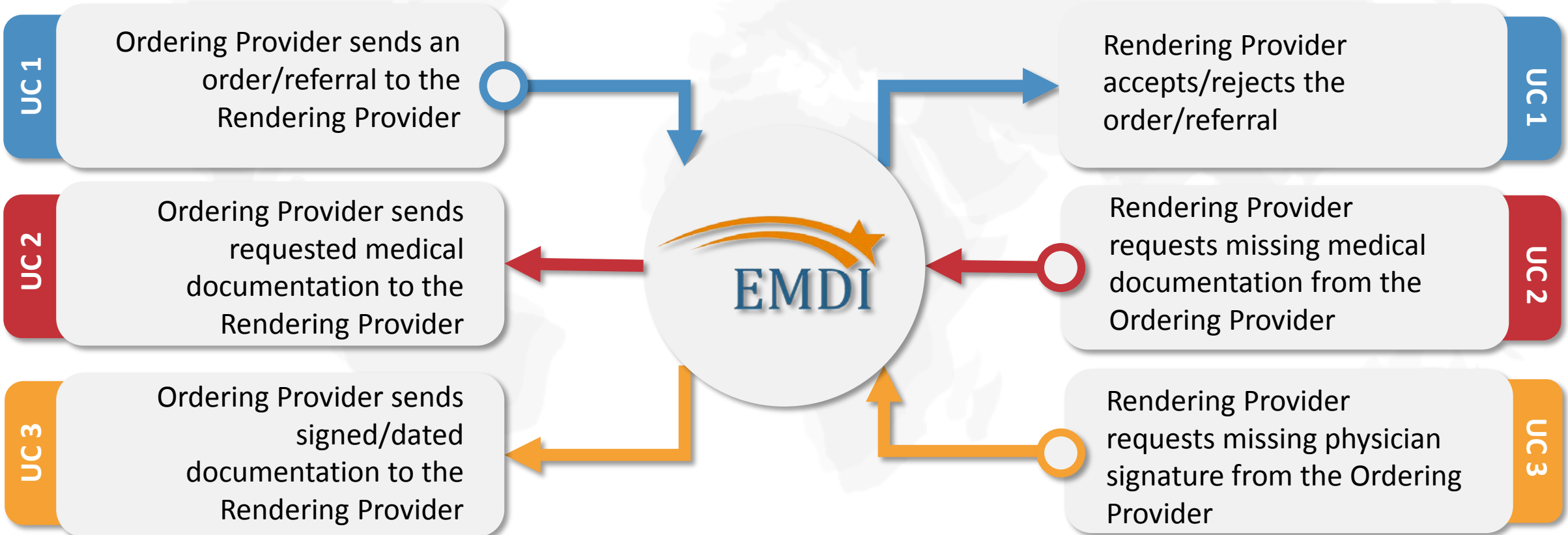
UC1: Order/Referral, with attached medical records

UC2: Request for Medical Documentation

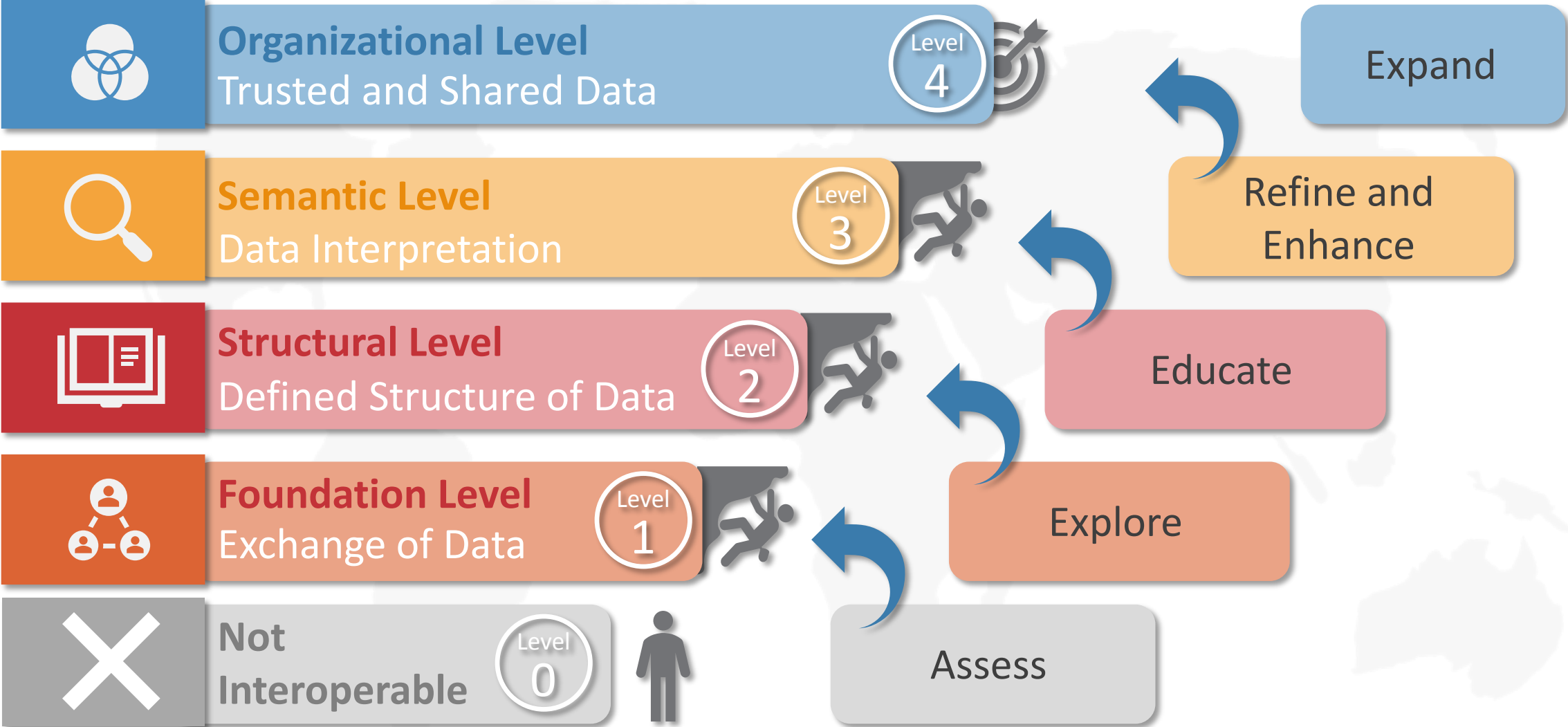
UC3: Request for Signature



Rendering Provider



EMDI Helps to Achieve Next Level of Interoperability



EMDI takes a tiered approach that helps pilot participants navigate through all levels of interoperability



Pilot Program Details

Pilot Programs under EMDI Initiative



Provider-to-Provider Interoperability

**EMDI
Pilot
Program**

**eClinical
Template Pilot
Program**

**Post-Acute
Order/Referral
FHIR Pilot
Program**

**CDex Pilot
Program**

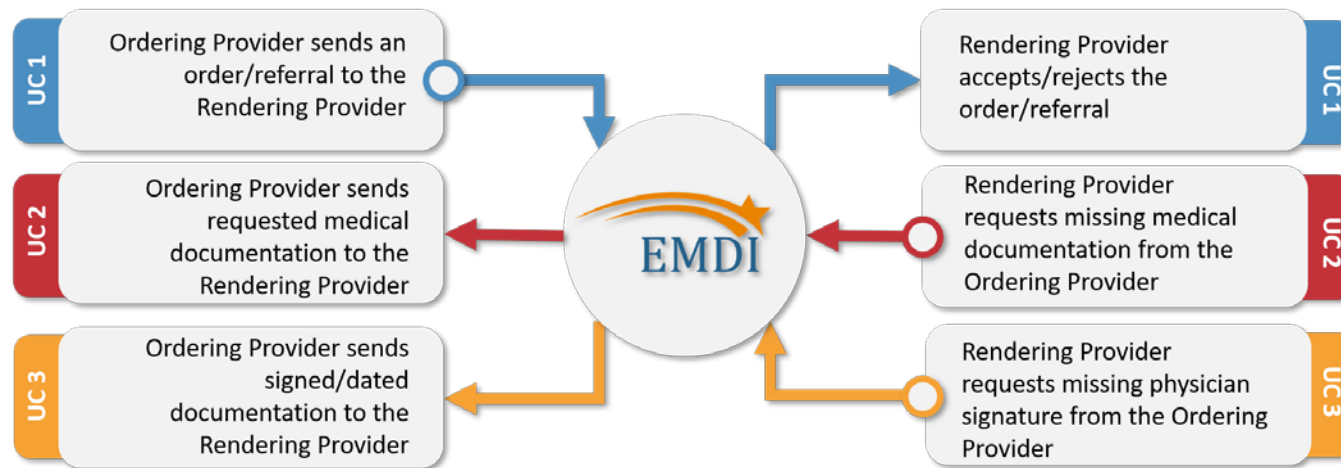
Take Standard Agnostic Approach with EMDI Pilot Program



Provider-to-Provider Interoperability

Goal: To reduce provider burden

EMDI Pilot Program



Use Case

- ☒ Order/Referral
- ☒ ADR
- ☒ Signature Request

Guidance

- ☒ EMDI Program Guide
- ☒ Pilot Guide
- ☐ Implementation Guide

- ☒ DMEPOS
- ☒ Home Health
- ☒ Other Post-Acute

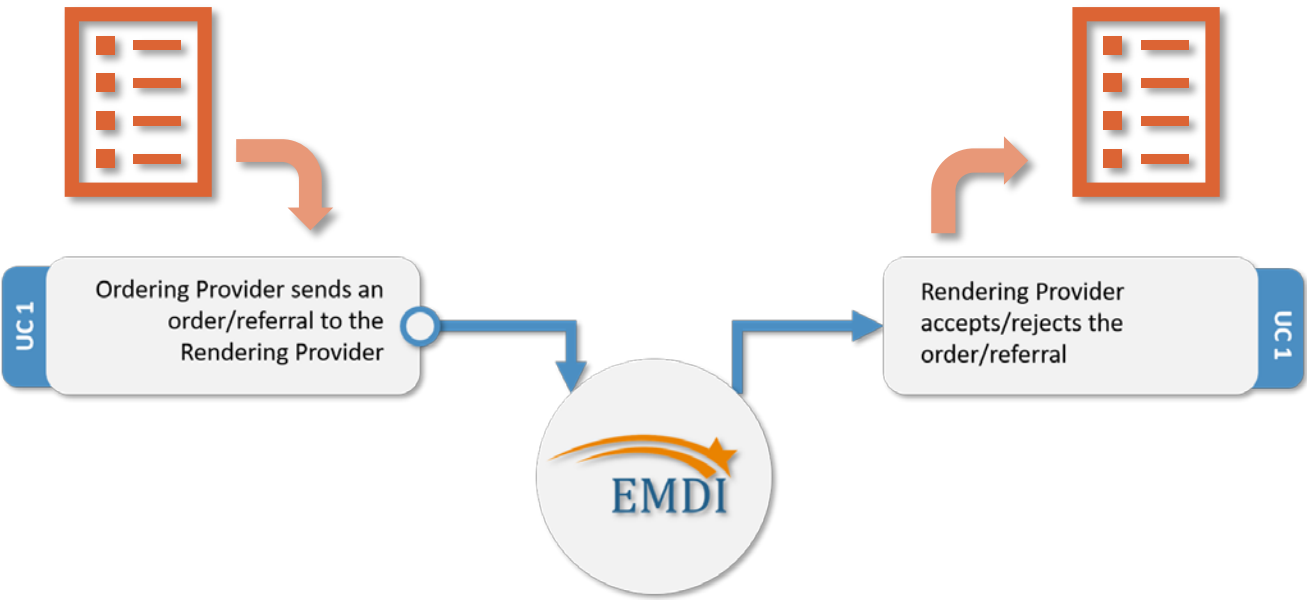
Increase Accuracy of Medical Documentation with Clinical Template Pilot Program

eClinical Template Pilot Program



Provider-to-Provider Interoperability

Goal: To reduce the risk of claim denials and increase accurate medical record documentation



Use Case

- ☒ Order/Referral
- ☐ ADR
- ☐ Signature Request

Guidance

- ☒ EMDI Program Guide
- ☒ Pilot Guide
- ☒ CMS Clinical Templates

- ☒ DMEPOS
- ☒ Home Health
- ☐ Other Post-Acute

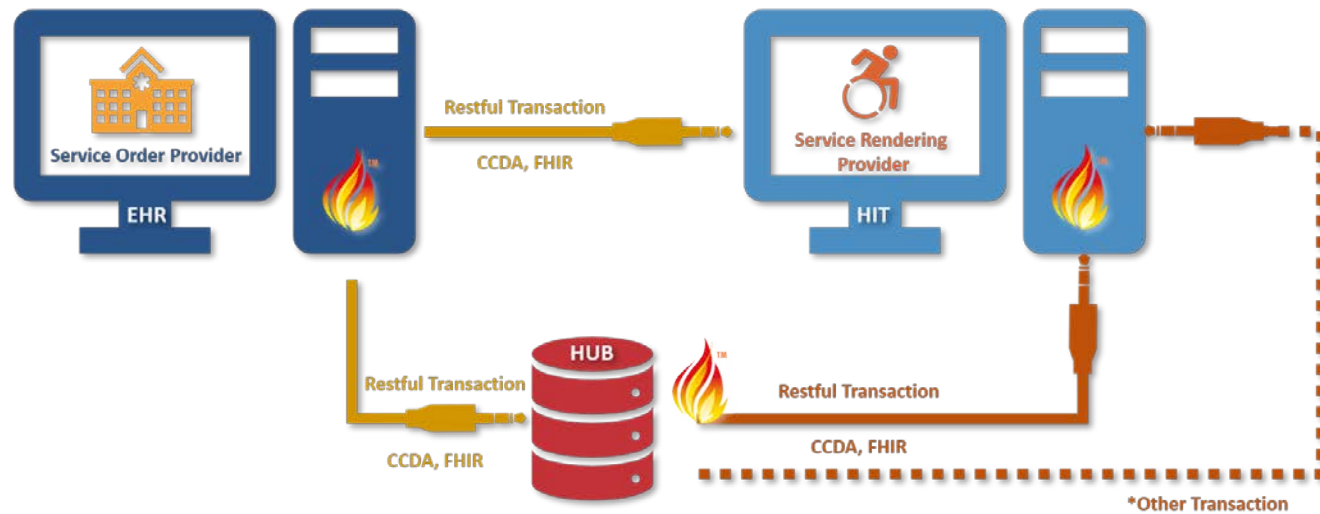
Send FHIR-based DME Order and HHA Referral with Post-Acute FHIR Pilot Program

Post-Acute Order/ Referral FHIR Pilot Program



Provider-to-Provider Interoperability

Goal: To reduce provider burden and reduce improper payment



***HL7 Post-Acute Order/Referral FHIR Implementation Guide**

Use Case

- ☒ Order/Referral
- ☐ ADR
- ☐ Signature Request

Guidance

- ☒ EMDI Program Guide
- ☒ Pilot Guide
- ☒ Implementation Guide*

☒ DMEPOS

☒ Home Health

☐ Other Post-Acute

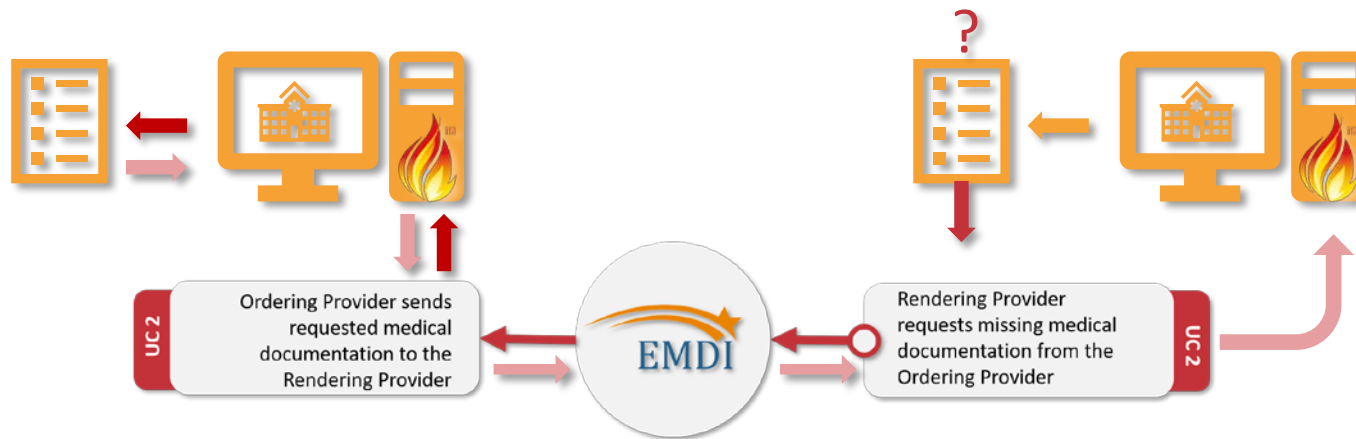
Send FHIR-based Additional Documentation Request with CDeX FHIR Pilot Program

CDeX Pilot Program



Provider-to-Provider Interoperability

Goal: To reduce the risk of claim denials, improper payments, and appeals



***HL7 Post-Acute Order/Referral FHIR Implementation Guide and HL7 CDeX FHIR Implementation Guide**

Use Case

- ☐ Order/Referral
- ☒ ADR
- ☐ Signature Request

Guidance

- ☒ EMDI Program Guide
- ☒ Pilot Guide
- ☒ Implementation Guide*

- ☒ DMEPOS

- ☒ Home Health

- ☐ Other Post-Acute

Services and Opportunities Provided by EMDI



Network of Stakeholders

- Established network of 300+ stakeholders
- Offer collaboration opportunities through workgroups and virtual Connectathon to learn common practices, use cases, and lessons learned



Education

- Facilitate educational sessions and panel discussions on interoperability opportunities, standards, and regulations
- Provide a knowledge-based platform beneficial for healthcare stakeholders on CMS and ONC websites



Support and Consultation

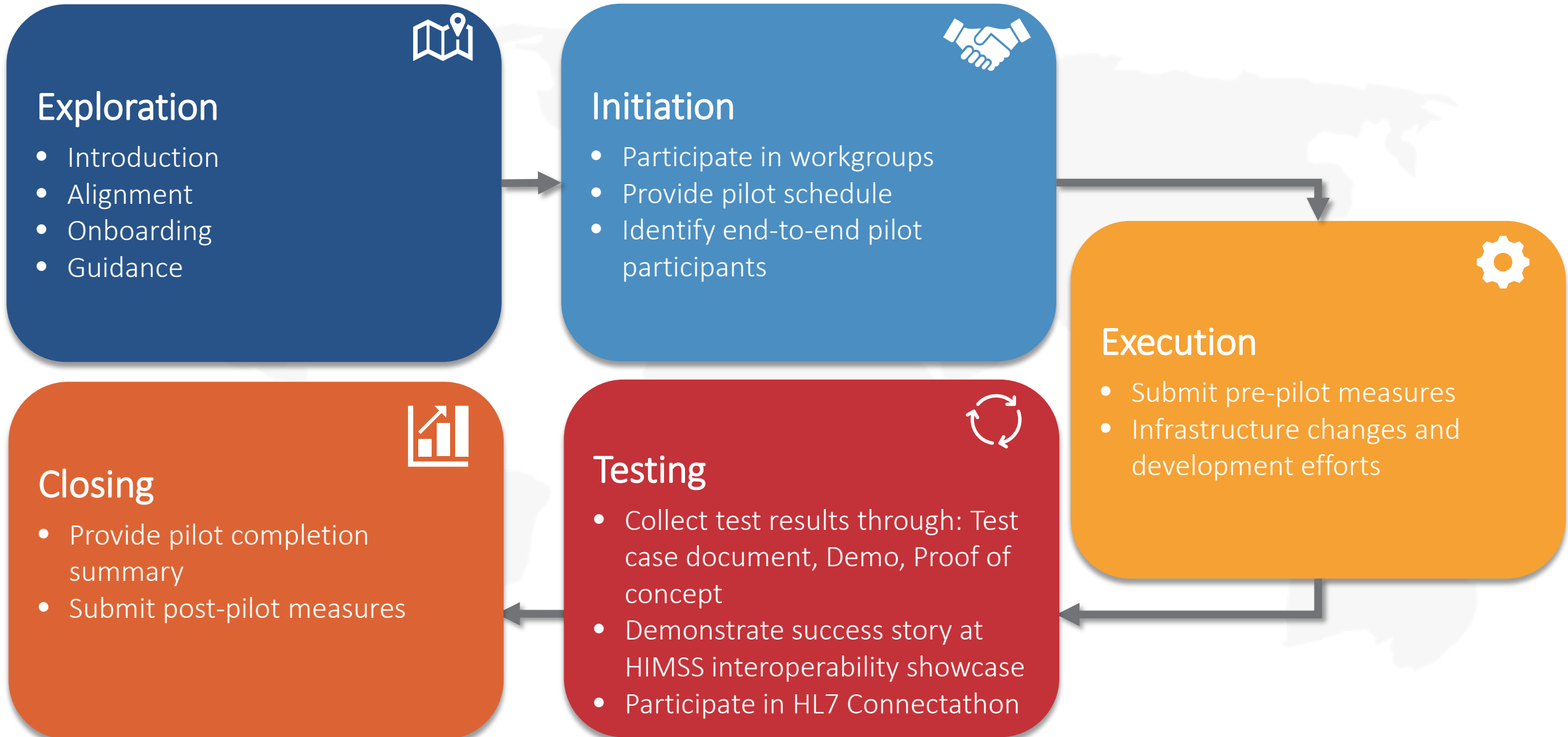
- Provide guidance and consultation for pilots through implementation guides, alignment sessions, gap analysis, and environmental scans
- Technical guidance through focus groups and virtual Connectathon



Measure Workflow Efficiency

- Provide structured method to collect measures that demonstrate interoperability value from improved workflows

Life Cycle of Pilots under EMDI Initiative



Benefits of Conducting a Pilot under CMS's EMDI Initiative

Expedite
service
delivery
and audit
process



Reduce
burden



Reduce
costs and
time



Automate
clinical data
exchange and
improve data
quality



Pioneer in
interoperability



Minimize claim
appeals



Increase
workflow
and
productivity



Align with
CMS and
ONC
proposed
rules

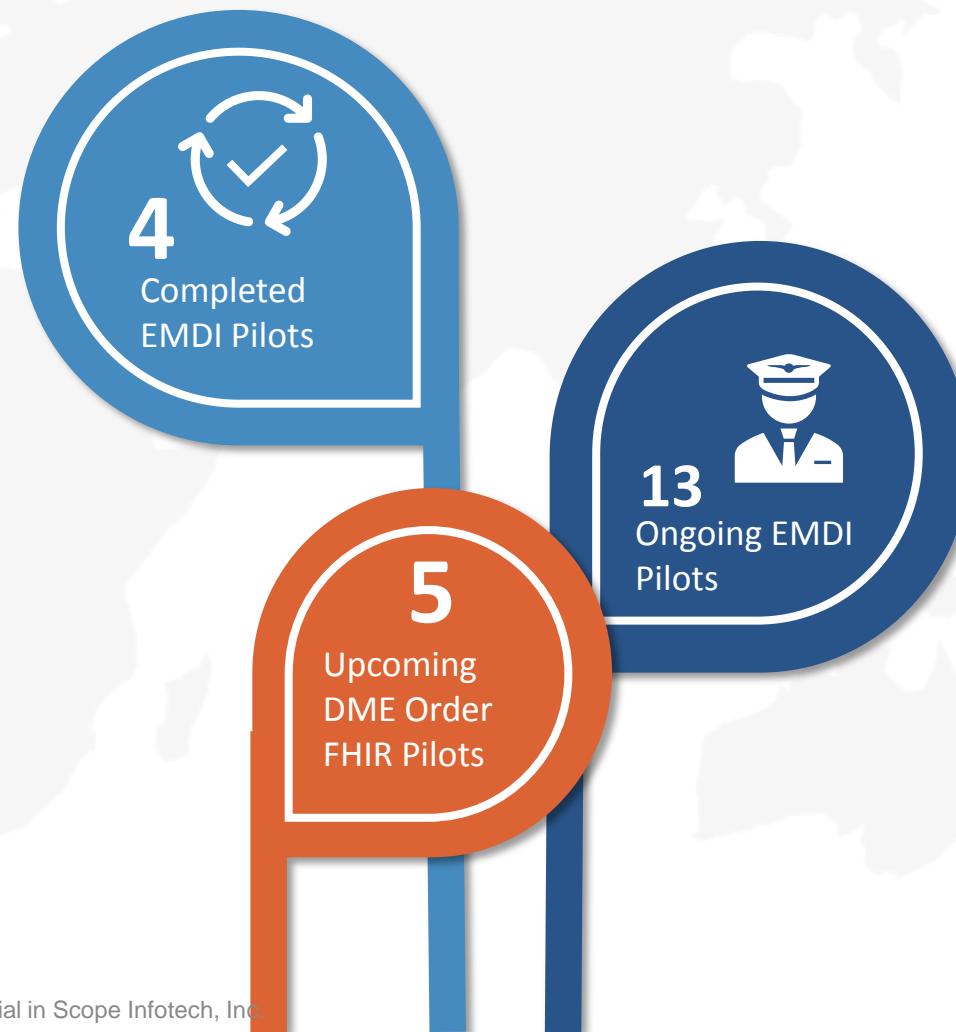


Pilot Program Progress and Findings

Completed Pilot Findings



- **Saved time** by several minutes per order which translated into many man-hours.
- **Decreased cost** of long-term care.
- **Expedited the order and delivery** of the equipment and increased financial performance.
- **Enhanced communication** between providers that resulted in better care to patients.
- **Increased data accuracy** which eased the burden of the claims and reimbursement process.
- **Reduced risk of omission errors**, cost of patient care, and the opioid remission rate to less than 2%.





Path Forward

Interoperability is a MUST



Why Interoperability?

Interoperability is a key stepping-stone to the optimization of healthcare system communication and can lead the way for predictive analytics with big data.



**CONTACT
US**

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QUESTIONS

