



Blue Cross Blue Shield of Michigan Connectathon

Webinar 3

January 23, 2010



newwave

Participation by NewWave

Blue Button 2.0



NewWave does not imply endorsement by HHS or the US Government

What is Blue Button 2.0

“a developer-friendly, standards-based data API that enables Medicare beneficiaries to connect their data to the applications, services, and research programs they trust”

Architected using standards. Built with the industry.

OAuth 2.0

The industry standard protocol for authorization.

FHIR

The industry-standard for exchanging health information electronically.



HIPAA

Patients have a right to view and transmit their health records.

Consent

The beneficiary is always in control of who can access to their data.

Resources that can help

Documentation

<https://Bluebutton.cms.gov>

Sample Apps

Python Django:

<https://github.com/CMSgov/bluebutton-sample-client-django>

Node.js:

<https://github.com/CMSgov/bluebutton-sample-client-nodejs>

Ruby on Rails:

<https://github.com/CMSgov/bluebutton-sample-client-rails>

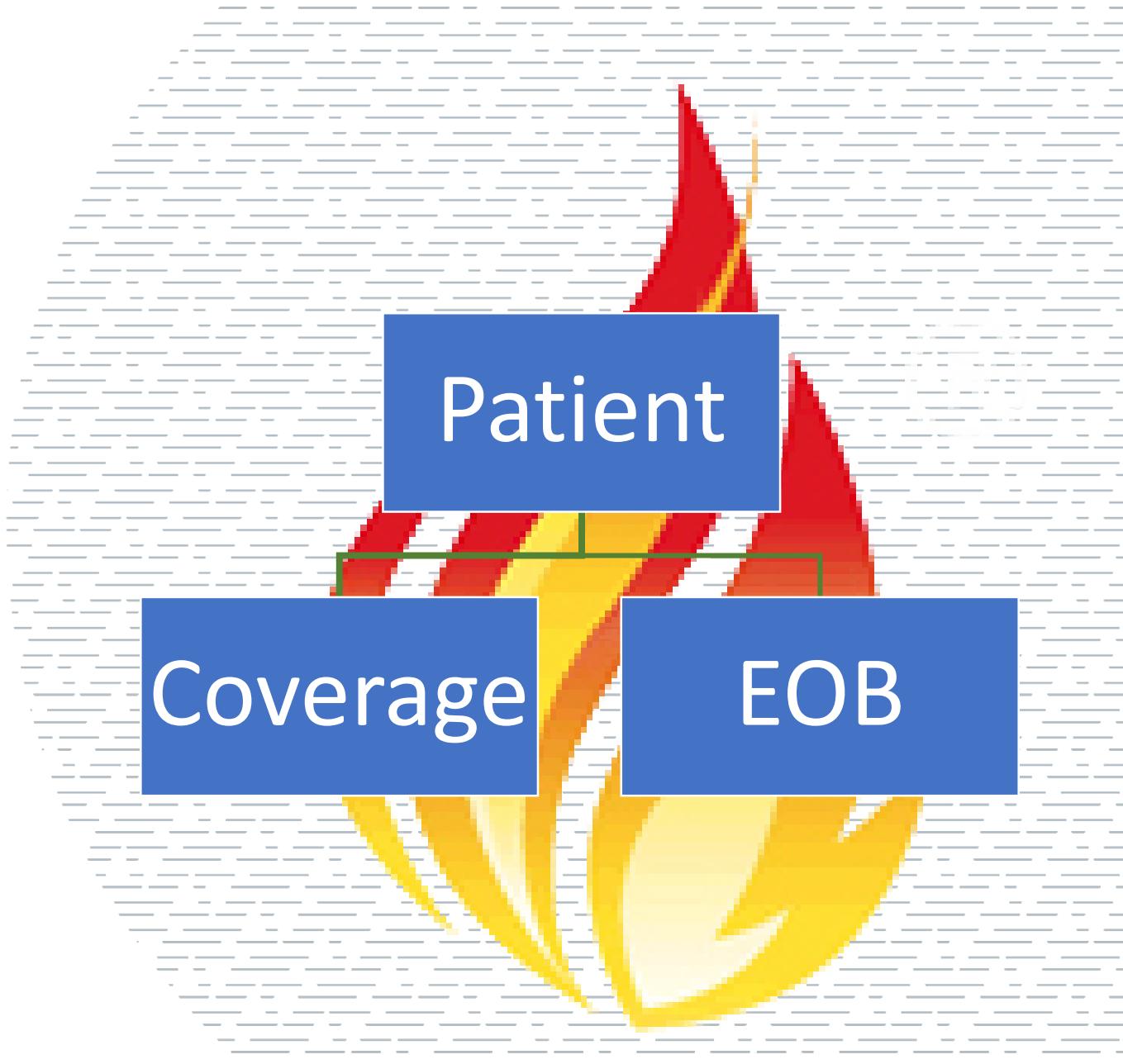
FHIR Resources

Version: STU3

- Patient
- Coverage
- ExplanationOfBenefit

ImplementationGuide:

<https://bluebutton.cms.gov/assets/ig/>



The secrets you need to know

API Access:

<https://sandbox.bluebutton.cms.gov/>

- Create an account
- Validate your email
- Register an OAuth2.0 Application

• Synthetic Users:

BBUser00001 ... PW00001!

...

BBUser29999 ... PW29999!

Sandbox Synthetic Data

30,000 Beneficiaries

2.5 Claims

Claim Type Analysis:
[https://github.com/ekivemark/
bbanalytics](https://github.com/ekivemark/bbanalytics)



3

2

API

Blue Button 2.0

A developer-friendly, standards-based API that enables Medicare beneficiaries to connect their claims data to the applications, services and research programs they trust.

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[VIEW THE DOCUMENTATION](#)



[SIGN UP FOR THE DEVELOPER SANDBOX](#)



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Thank you.

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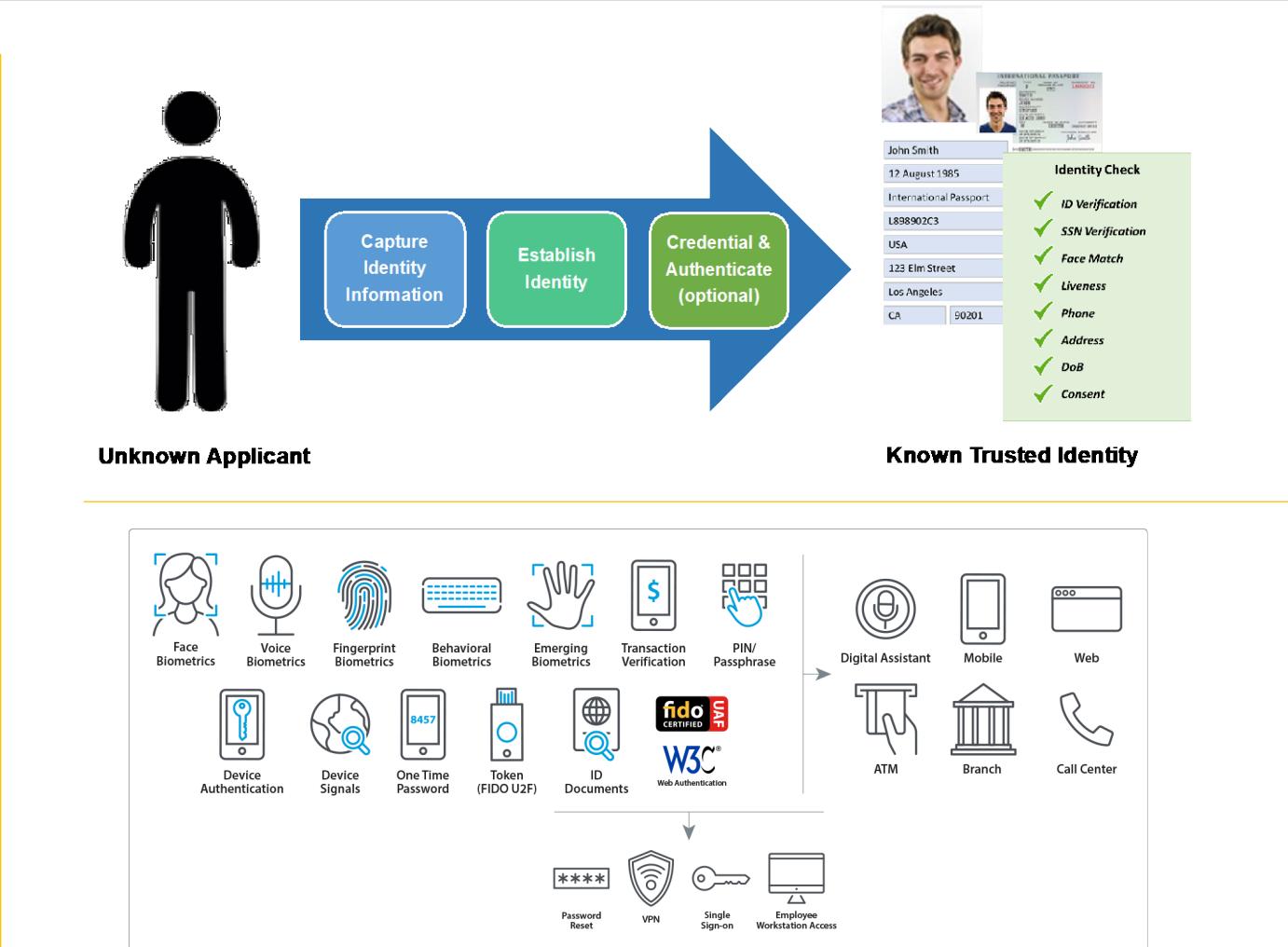
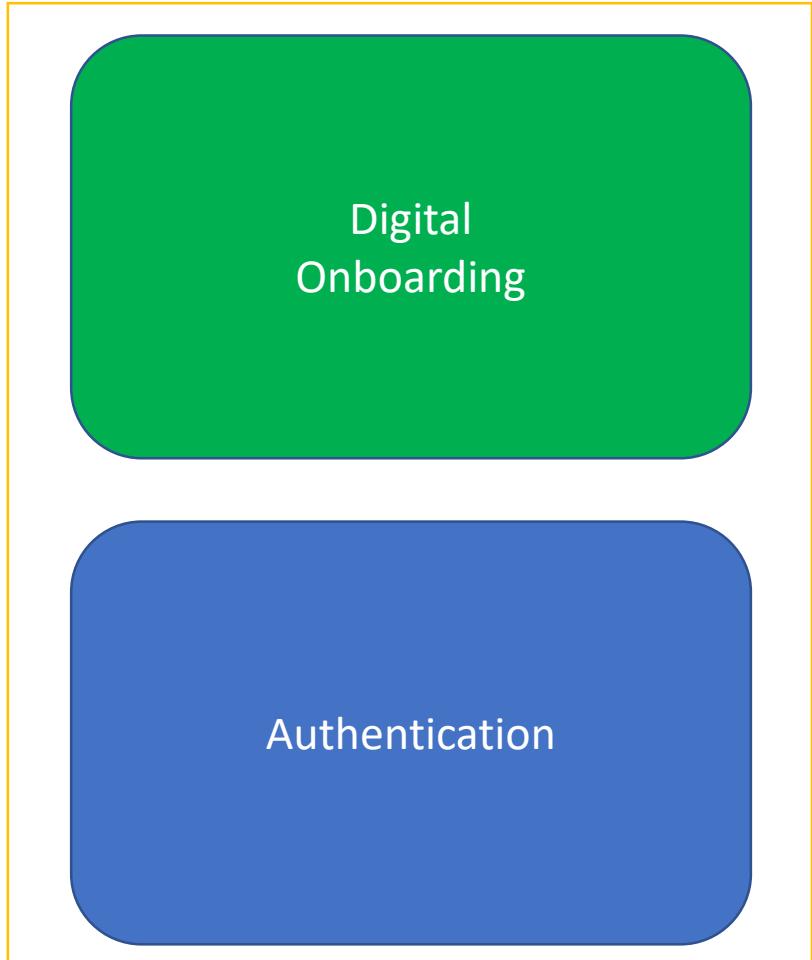


IdentityX Platform

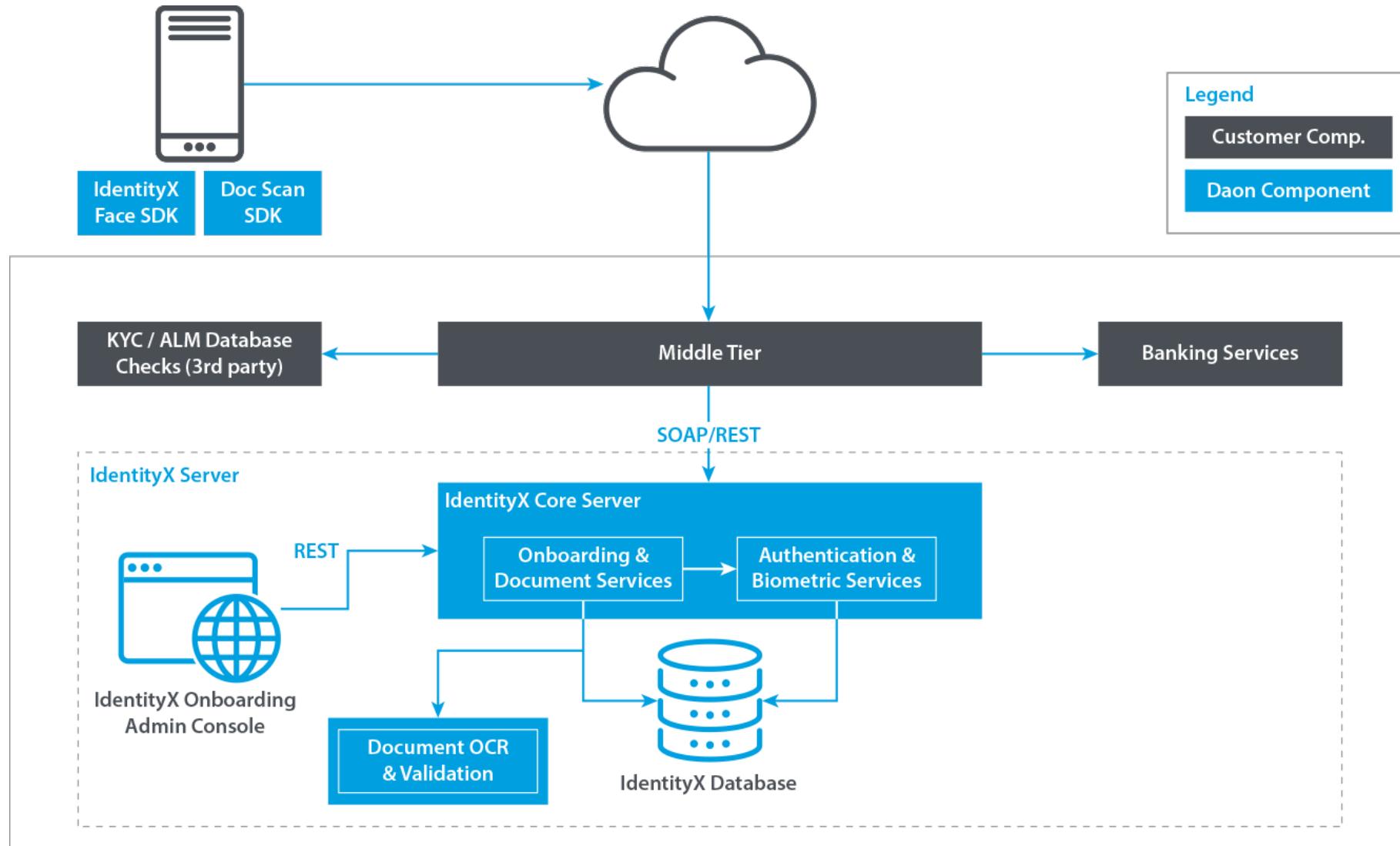
Daon®

Jan 2020

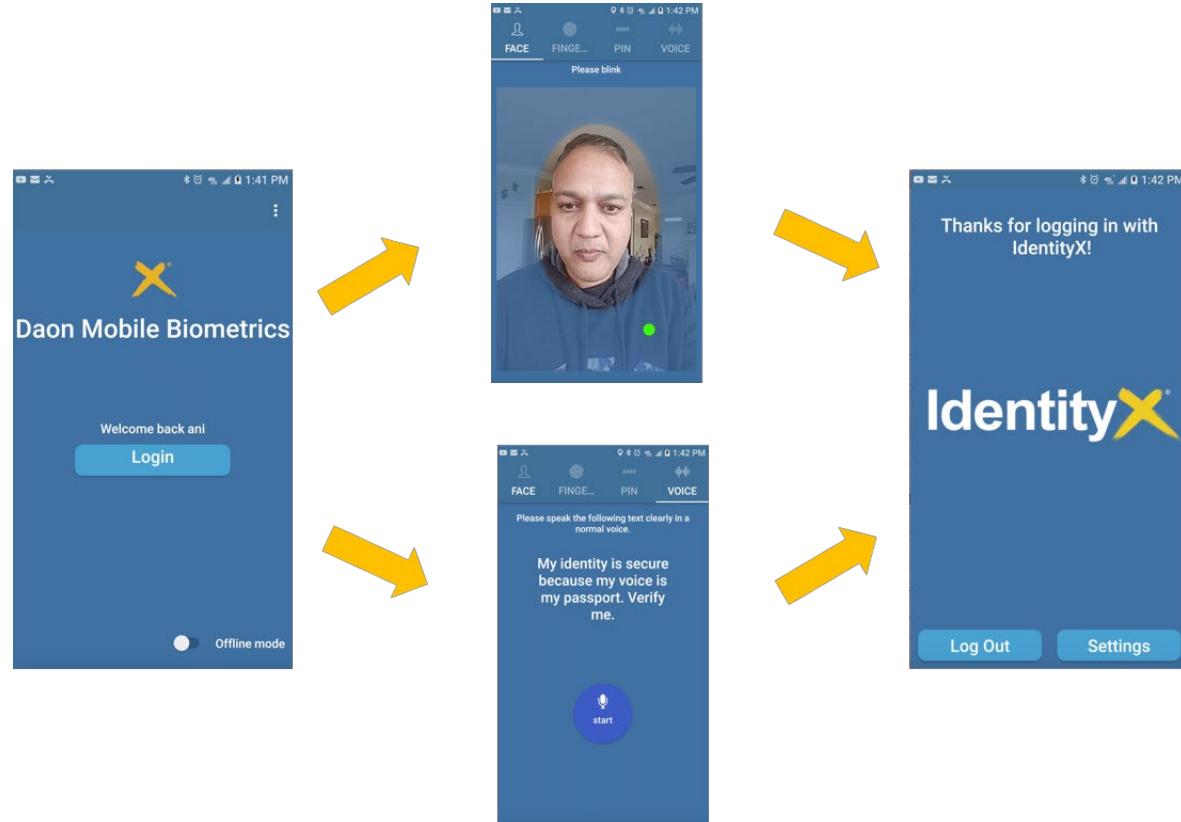
IdentityX – A Platform Approach



High Level Architecture



In-band Authentication – Mobile Log On

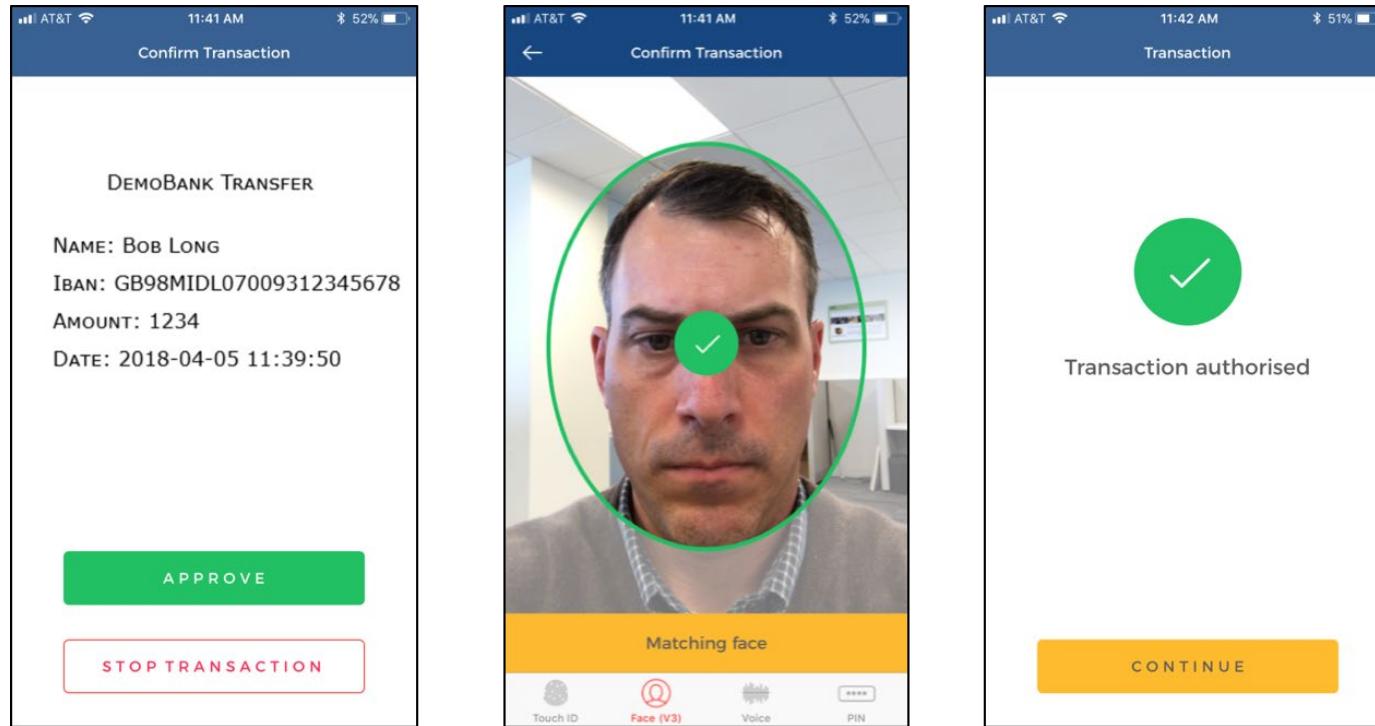


Sample App (Daon Mobile Biometrics)

- Android (Play Store)
- iOS (App Store)

- Biometric options for quick and convenient access
- Personalized on a customer's registered device
- Based on a flexible, multi-purpose authentication platform
- Multi-factor authentication for security
- Easy to integrate

Out-of-band Authentication



- Policy driven
 - Risk based policy definition
- Multi-factor authentication
 - Fuse multiple modalities
 - Comprehensive defense
- Freedom of choice
- Convenience

Sample App (IdentityX App)

- Android (Play Store)
- iOS (App Store)

Simpler All-Digital Onboarding with IdentityX

STEP 1



STEP 2



STEP 3



GOING FORWARD



WHAT THE USER DOES:

- Takes a selfie
- Scans ID document
- Reviews & confirms details
- Enjoys easy ongoing access

WHAT THE SYSTEM DOES:

- Captures biometric faceprint
- Performs both passive and active liveness checks to prevent spoofing
- Compares faceprint to biometric watchlists to spot known fraudsters and repeat applicants
- Compares image to live biometric faceprint
- Extracts customer information using optical character recognition (OCR)
- Integrates with 3rd party data sources to help perform AML/KYC checks
- Delivers prompt customer decision in accordance with fully configurable rules and workflows
- Compares live biometric faceprint to registered identity credential for simple, immediate access

ONBOARD & ONWARD

Onboarding your new customer is just the start of their journey. On Daon's **"two-in-one"** platform for Digital Onboarding and User Authentication, your customers can use that same identity credential to authenticate, quickly and easily, at any time and through any channel.



For more information:
www.daon.com

4medica One Patient...One Record™



4medica®
One Patient...One Record



4medica Big Data MPI™

Presented by: Muthu Kuttalingam

About 4medica



Founded
in 1998

75+ Million
Identities
16,000
Medical
Practices
35,000
Unique
Physicians

Process
Millions of
Clinical
Transactions
Per Month

Over 100+
Hospitals, Labs,
Imaging Center,
HIEs, HINs, Payers,
ACOs

Multiple Strategic Partners &
Associations:
SHIEC, eHI, HiMSS, AHIMA
LIS/RIS/HIS/EMR/PMS Vendors
Billing, CRM & Analytics, Other
Health IT Consultants

What We Do...



4medica Big Data MPI™ Member Matching

- Real-Time Scoring to correctly identify members (in/out of network)
- Unlimited Data Sources & Attributes
- Precision Matching
- Scalable to Millions of Member Identities
- Affordable SaaS Solution

4medica Big Data Identity Enrichment™

- Enriched Master Records (current & unlimited historic information)
- Referential Data Matching (using sophisticated external data sources)

4medica Big Data CDR™ (Clinical Data Repository)

- Unified View - Single Member Record
- Real-Time Clinical Decision Support & Analytics
- Advanced Care Coordination Platform (portal for providers, patients & payers)

4medica ClinXdata® (Clinical Data Exchange)

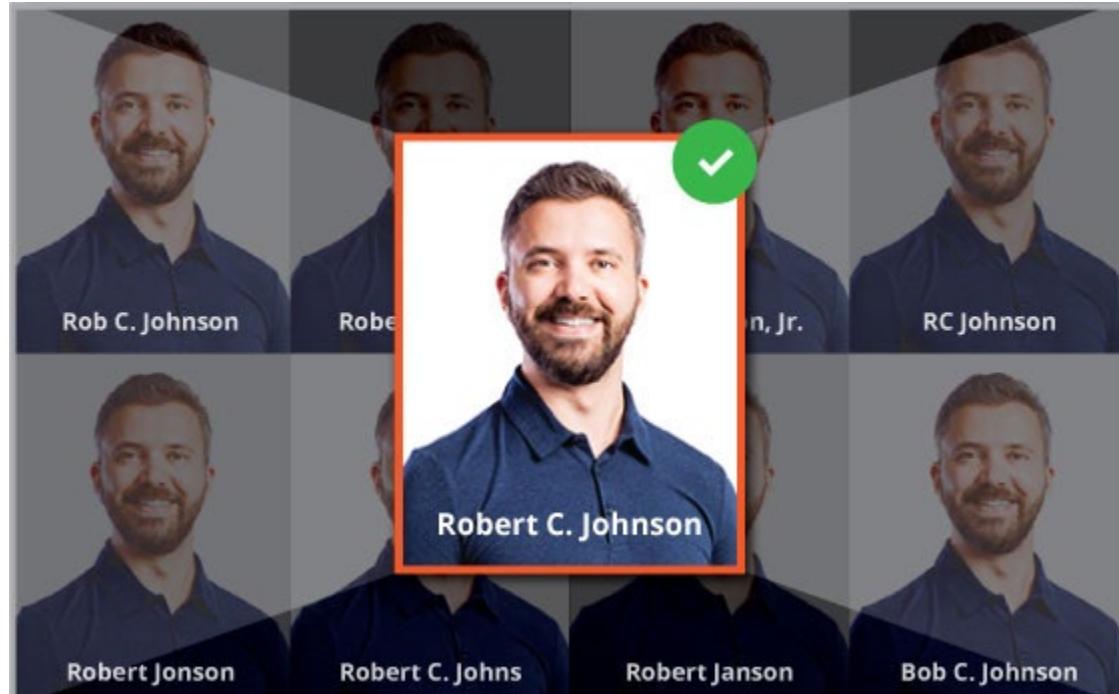
- Clearinghouse for Real-time Laboratory, Radiology & Other Clinical Data

4medica Big Data MPI™ & Identity Enrichment



- A high volume, real-time transactional eMPI system
- A revolutionary multi-patented identity management platform to increase speed, precision and simplify the entire data management process
- A SaaS-based system that does not require expensive hardware or software
- A powerful system that:
 - Searches for all member identity attributes simultaneously – not limited to certain attributes like most conventional matching solutions
 - Real-time “on the fly” continuous tuning for precision matching
 - Uses unlimited demographic and clinical history to reduce false/positives and false/negative matches

What is the End-Game?



One Patient...One Record

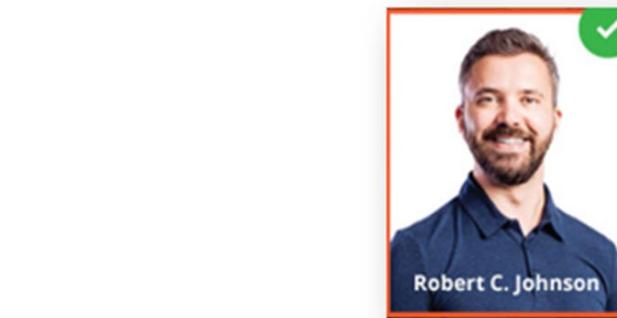
Patient Centric...360° View



Share Data Transparently



Promote Informed Patient-Centric Connected Care



Segregate & Identify Clinical Information from Each Data Source



Patient Health at Risk



Discrepancies in member name, DOB, Address, SSN, IDs and other unique member attributes

Multiple information systems and databases – silos (HIS, EMR, Lab, Rad, etc.)

Poor system integration, or absence of integration (time is of the essence, resources)

Prior data conversions (hospital systems merging, multiple EMRs)

Current ineffective Member Matching or lack thereof (relying on providers of care)

The Challenge



Overlaps

Member records in more than one data source/location

- Dangerous; reviewing treatment plans and coordinating care with missed important clinical information (medications, lab results, images & allergies)
- Tests repeated; major financial impact on Payers & ACOs, and unnecessary radiation exposure for the patient
- Delayed treatment

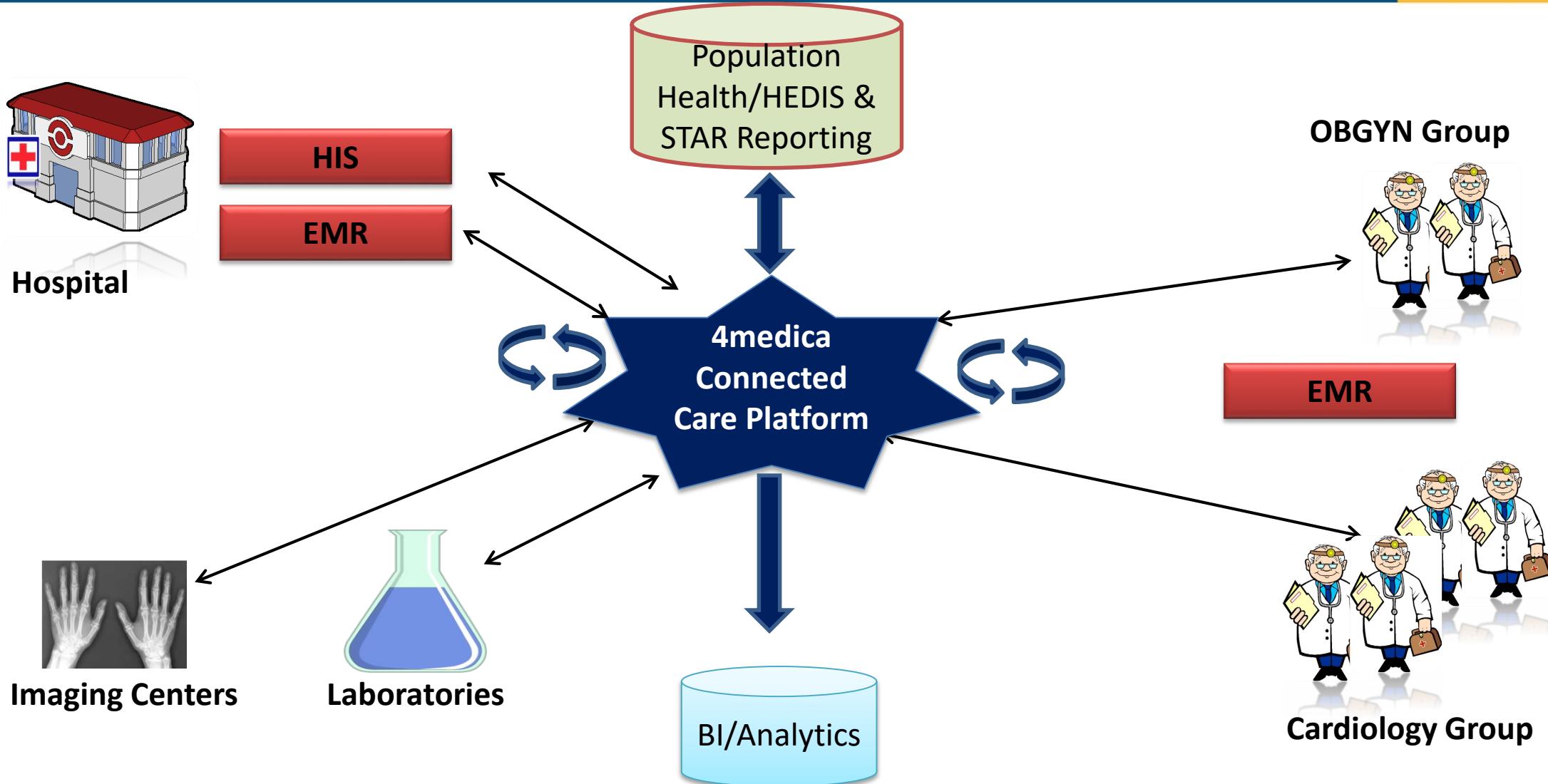
Overlays

Two or more members have the same MRN in same data source/location

- Very Dangerous; huge patient safety risk – treating one member with another person's record
- Quality of care problems; extremely dangerous
- Pediatric and elderly patients more at risk; can't always speak for themselves

Did you know? It can take as much as 500 hours to fix one electronic record overlay!

Complete Data for Patient Connected Care





BCBSM Connectathon

Please join us for the first BCBSM Connectathon! We are excited to be partnering with MiHIN to give you the opportunity to be innovative in a fun, collaborative, engaging setting, where teams will focus on interoperability and clinical data strategies.

Agenda

- 8:00 AM Continental Breakfast and Registration
- 8:30 AM Welcome – Bill Fandrich - SVP & CIO and Rich Boehm – Director II
- 8:45 AM Event Schedule & Important Information
- 9:00 AM Event Kickoff – Hacking Begins
- 12:00 PM Lunch available
- 2:00 PM Break + Snacks + Bonus Challenge
- 3:30 PM Submissions Deadline; 1st Round Judging Begins
- 4:30 PM Top Teams Announced with Demos
- 5:00 PM 2nd Round Judging Begins
- 5:30 PM Awards and Closing Remarks
- 6:00 PM Networking Reception (*Tower Activity Center*)



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