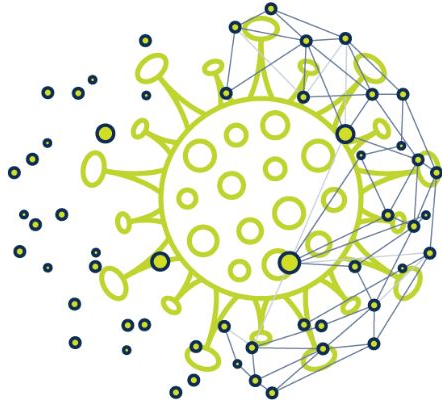


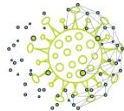
# Confidential, Targeted Community Exchanges - Alerts for COVID-19 and Beyond

using HMIS in standards-based  
real-time community exchanges



## A Year of Crisis

Using Human Services Data  
to Recover from the Pandemic



# Speaker Introductions

Gio Patuzzo - Housing Services Manager, Citrus Health Network, Inc.

Dayana Morales - Section 8 OCC Spec, Hialeah Housing Authority

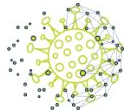
Brian Handspicker - Co-Lead, Project Unify

Eric Jahn - CTO, HSLynk



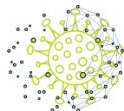
# What is Project Unify and the National Interoperability Collaborative?

- **National Interoperability Collaborative** is a Community of Networks whose mission is to improve systems and increase collaboration among the sectors that enhance health, safety and well-being by advancing information-sharing, interoperability, and the use of technology.
- **Project Unify** is a forum for subject matter experts and vendors identifying interoperability challenges, implementers' agreements addressing those challenges and associated demonstration of interoperability amongst health and human services, housing, child welfare, courts, education, etc.).



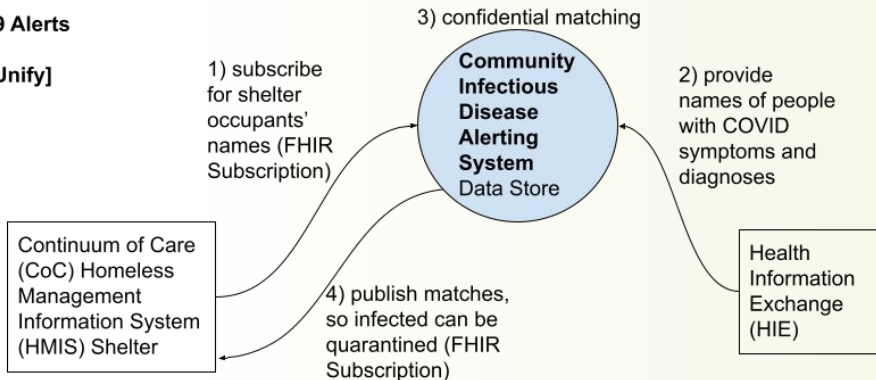
# Why do we need real-time messages between systems?

- why standardized real-time, bidirectional workflows matter
- how client and patient consent fits into this, and which tools exist, locally and nationally

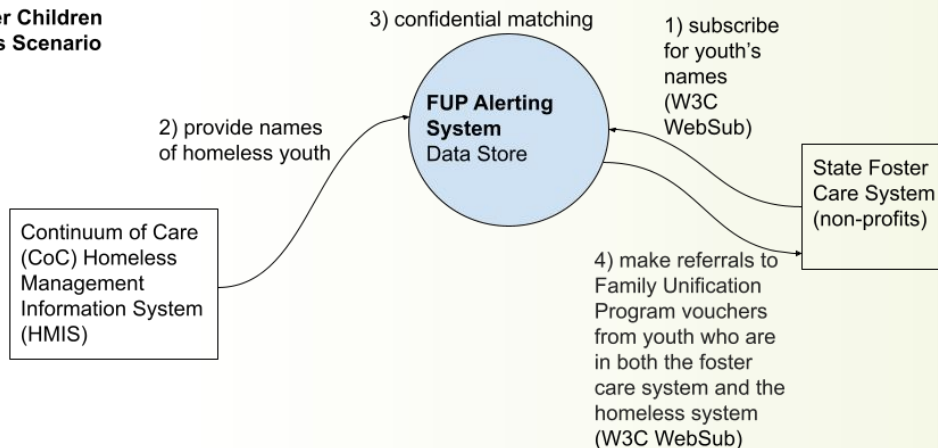


**Example real-time messages between  
systems**

**COVID-19 Alerts  
Scenario  
[Project Unify]**



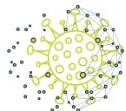
**Foster Children  
Alerts Scenario**





## Citrus FCN & CHN, and Hialeah Housing Authority





# Citrus



- Assessment & Emergency Services
- Crisis Stabilization Units for Adults & Children
- Juvenile Addictions Receiving Facility
- Residential Treatment Programs for Adolescents & Adults
- Outpatient Psychiatry & Psychotherapy
- Medication Assisted Treatment
- Targeted Case Management for Adults & Children
- Community Support Services
- FACT Teams
- Adult Community Teams
- Children's Community Teams
- Early Childhood Development
- 340B Pharmacy

## Behavioral Health Services

- Emergency & Transitional Housing
- Homeless Prevention & Rapid Rehousing
- Permanent Supportive Housing
- Housing First
- Transitional Housing for Youth
- Aging Out of Foster Care & Homeless LGBT Youth
- Social Support Services

## Supportive Housing Services

- Psychiatry Residency Program
- Child and Adolescent Psychiatry Fellowship Program
- Psychology Post-Doctoral Residency Program
- Psychology Doctoral Internship Program
- Professionals In Training

## Education & Training

## Foster Care Services

- Foster Parent Recruitment & Licensing for Specialty Homes
- Specialized Therapeutic Foster Care
- Outpatient Services for Foster Children
- LGBT Foster Program
- CHANCE Program for Commercially Sexually Exploited Children

## Child Welfare Lead Agency

- Family Preservation
- Prevention
- Intake
- Placement
- Foster Parent Recruitment & Licensing
- Adoptions
- Transitioning Youth Services
- Oversight of Prevention Providers & Full Case Management Agencies

## Primary Care Services

- General & Internal Medicine
- Pediatrics
- OB/GYN & Women's Health
- Psychiatry & Health Psychology
- Care Coordination
- HIV/AIDS Services
- School-Based Health Services
- Health Education
- 340B Pharmacy





# Family Unification Program (FUP)

- FUP Grants specifically target families and youth in the child welfare system residing in Miami Dade County with an open case/ investigation or transitioning youth up to 24 years of age that meet the following criteria, as per the grant award:
- Families “at risk” of having their children removed (where housing is a primary issue in the safety analysis)
- Families with a goal of reunification (where housing is the primary barrier preventing the reunification/ permanency)
- Families that are interested in providing placement/ permanency for children-youth where housing is preventing said efforts (this includes relatives/ non relatives-fictive kin/ prospective adoptive families)
- Youth participating in a Transitioning Youth Services (TYS) program ages 18 to 24 who have aged out or will age out from the foster care system in the next 90 days.





## Program Implementation Goals

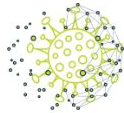
- Reducing the number of “at risk” families entering the system
- Diverting of appropriate families into Citrus FCN’s Prevention services, rather than into “out of home care”.
- Increase timely permanency in open dependency cases via Reunification, Permanent Guardianship or Adoption.
- Reducing in the overall Length of Stay in the dependency system.
- Increase the long-term viability and sustainability of Housing for Youth transitioning out of foster care.



## Different ways to enter/be referred to program:

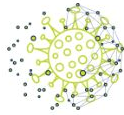
\*Client Release Of Information/Consent is always needed

- case management agencies
- legal services
- court system
- community action agencies
- community referrals (church, support groups, individuals)



## Example of BOB TEST (YOUTH)

- Bob is a Youth participating in a Transitioning Youth Services (TYS) program, 23 years of age who has aged out from the foster care system.
- Bob was referred by the TYS specialist before aging out.
- Bob's FUP application is sent by TYS (including ROI).
- Bob's "Foster Care System" proof is provided through TYS via FSFN system.
- For Bob to qualify, there are various systems that would need to be checked.
- Starting but not limited to FSFN, HMIS, CJIS, SO list, Lindsey, EIV.
- Once all systems are checked and verified, if approved by the review committee, Bob can be referred to the housing authorities and the housing process can move on from there.



## **Benefits of real time messages and systems communication (Potential short-term solutions)**

- Fewer delays in applications and verifications overall.
- Fewer delays for applicants to submit proper documentation. Moreover, for those that do not have a case manager to assist with such.
- Having internal and external agency users communicate, approve, deny candidates or documents.
- No duplicate tasks or efforts from involved parties.
- Fewer mistakes/typos, better quality (less fatigue)



## Benefits of real time messages and systems communication (potential long-term solutions)

- Higher efficiency, less time used for the approval process
- Faster turnaround for applicant to get housed
- Possible alerts when more vouchers are available
- Possible alerts to track application process for users and applicant.



# COVID Alerts

## What is the idea behind a Community Infectious Disease Alerting System (CIDAS)?

- Targeted and confidential alerts
- Obscures from the Health Information Exchange (HIE) any service history or characteristics of the individuals, for whom we subscribe to EHR/HIE data
- Different from and complementary to Immunization Information System (IIS).

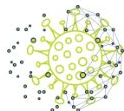


# COVID Alerts

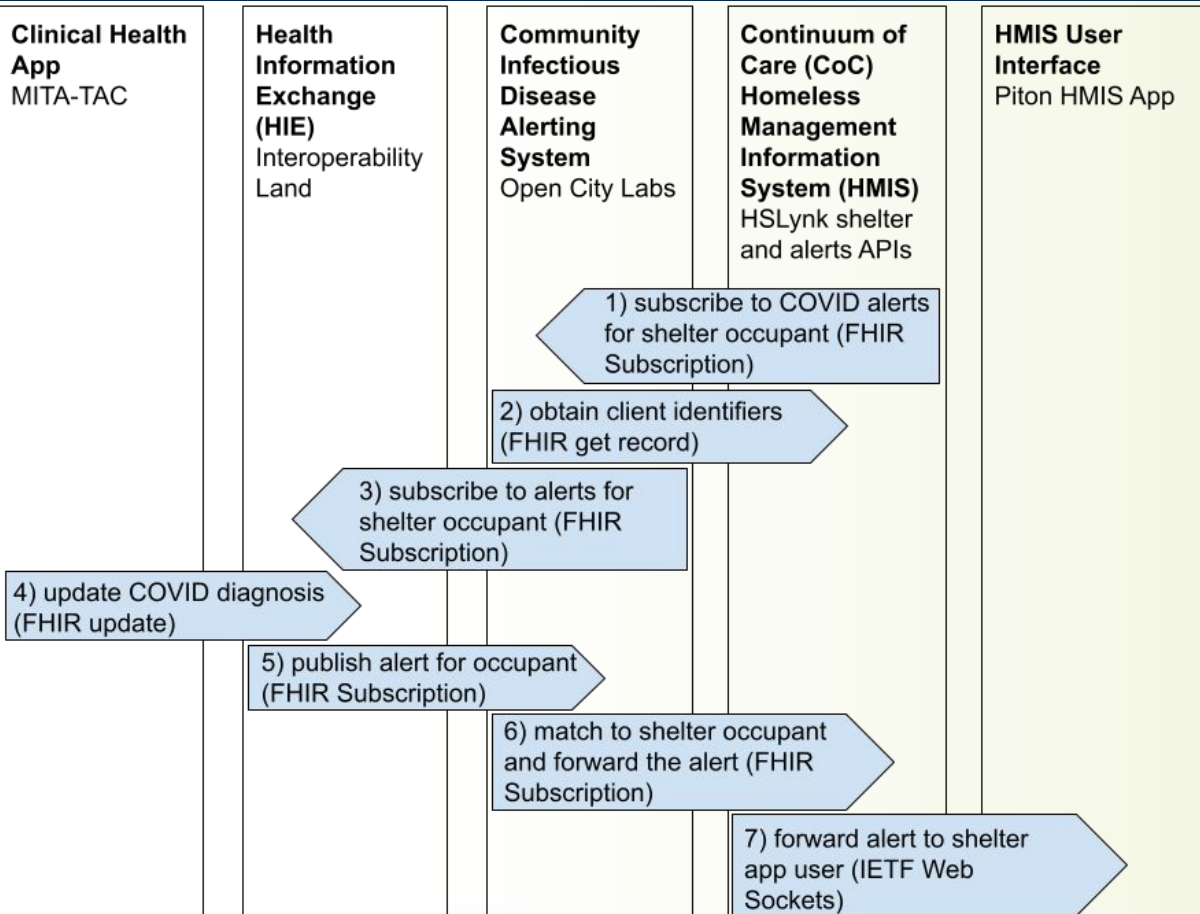
## Which standards are used in the software demo?

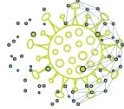
- Health Level Seven (HL7) Fast Healthcare Interoperability Resource (FHIR) Subscription API v4. [hl7.org/fhir/subscription.html](https://hl7.org/fhir/subscription.html)
- For consent, Consent2share: [bhits.github.io/consent2share](https://bhits.github.io/consent2share) (not used in demo)
- The WebSocket protocol [tools.ietf.org/html/rfc6455](https://tools.ietf.org/html/rfc6455)





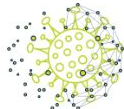
**COVID Alerts Demo Workflow**





# COVID Alerts Demo

video link



# Open Discussion