



From Provider Directory to Health Directory

APIs, OIDs, and Coordinating Care

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Background on MiHIN's Health Directory



Provider Directory

Evolving since 2012



Deployed in 3 states

(User Acceptance Testing UAT in 1 State)

- 248 hospitals
- 1,826 pharmacies
- 138,003 providers
- ~1,000 external API calls/month

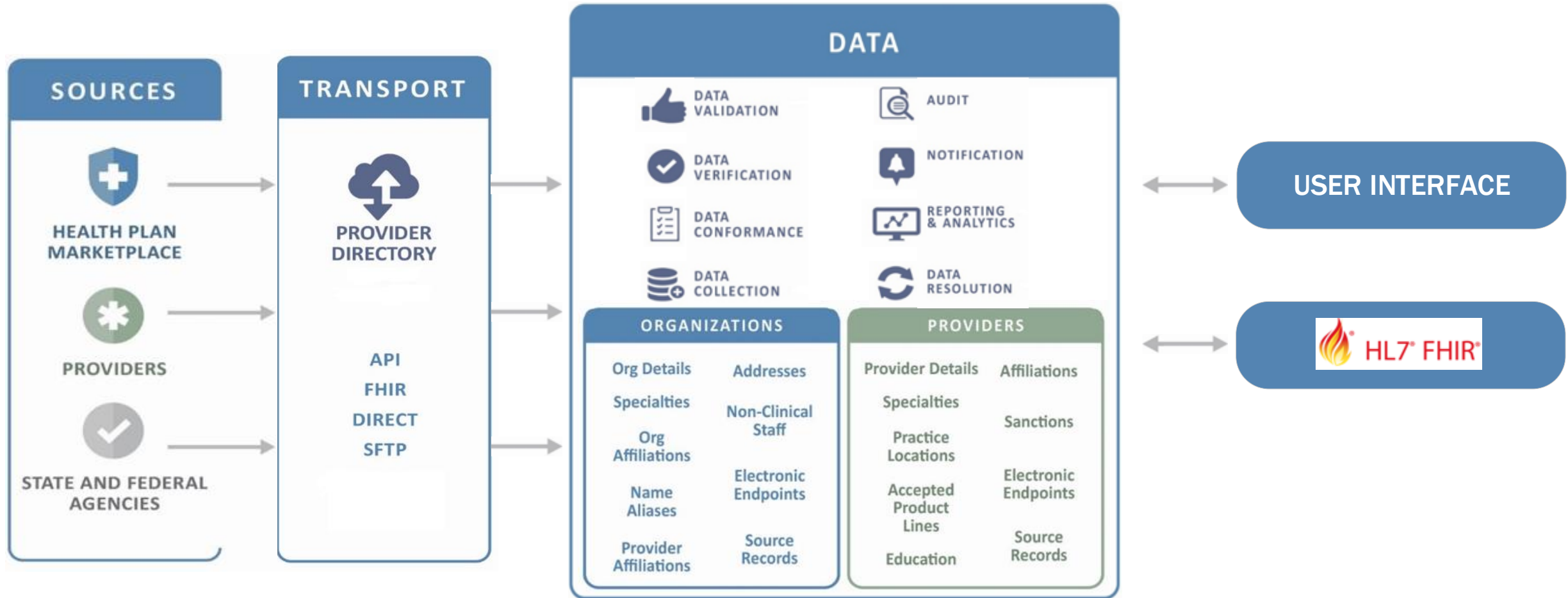


Highly Interoperable

Currently supports FHIRv3

Upgrading to FHIRv4

MiHIN Health Directory Architecture



Validate Healthcare Directory Use Case Support

- ✓ A1 - Enable electronic exchange
- ✓ A2 - Find an individual and/or organization
- ✓ B1 - Find provider accessibility information
- ✓ B2 - Relationship between provider and insurance plan (insurance accepted) or plan and provider (network)
- ✓ B3 - Plan selection and enrollment
- ✗ B4 - Claims management (adjudication, prior authorization, payment)
- ✓ C1 - Provider relationship with a patient (e.g. for alerts)
- ✓ C4 - Provider relationship with other providers in context of a patient (e.g. care team communications)
- ✓ D1 - Provider credentialing
- ✓ D2 - Quality or regulatory reporting (e.g. aggregate data, plan networks)
- ✓ D3 - Detection of fraud; inappropriate approval of services and/or payment for services

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- ✓ Provider relationship with organizations
 - ✓ Facilitate attestation of data accuracy
 - ✓ Program participation
 - ✓ Referral communication hub

✓ Supported function
but not stand alone

End Points

Connecting the Dots



- Transitions of Care
- Referrals
- Care Coordination

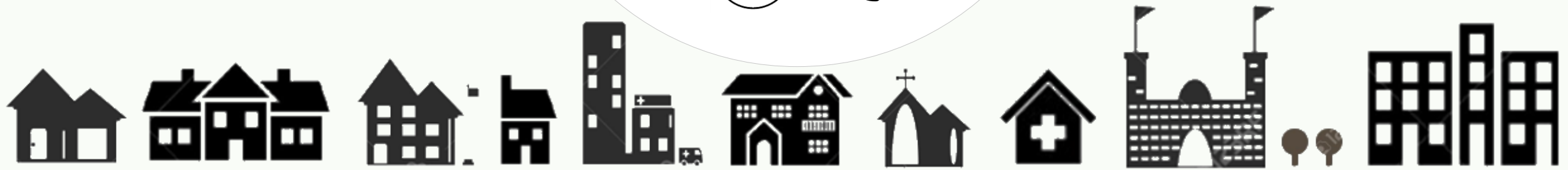
Patient Attribution



- Quintessential for Care Teams
- Foundation of care coordination
- Drives closing gaps-in-care

The Health Neighborhood

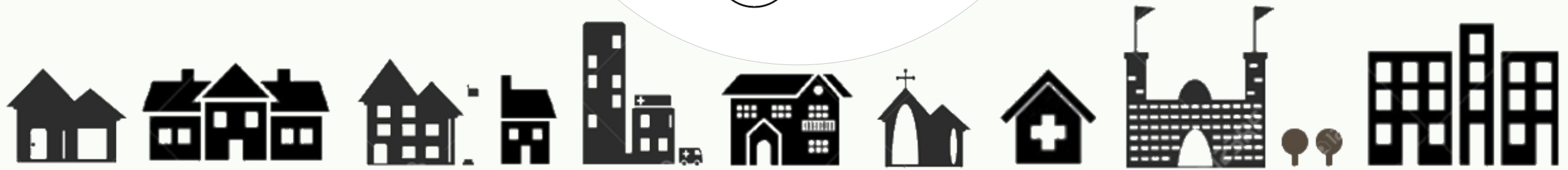
MiHIN's Health Directory vs Provider Directory



The Health Neighborhood

MiHIN's Health Directory vs Provider Directory

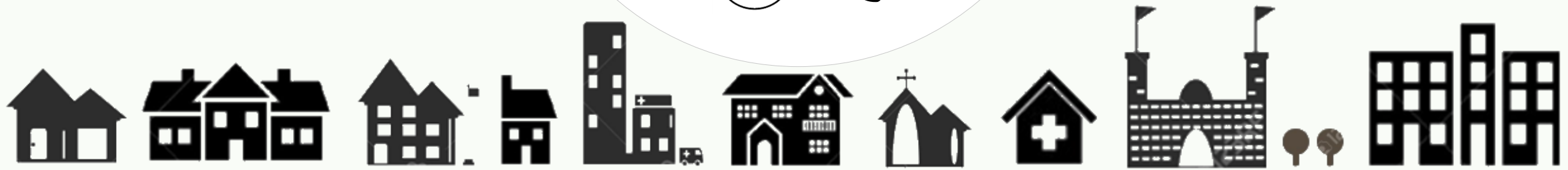
Licensed Medical
Practitioners



The Health Neighborhood

MiHIN's Health Directory vs Provider Directory

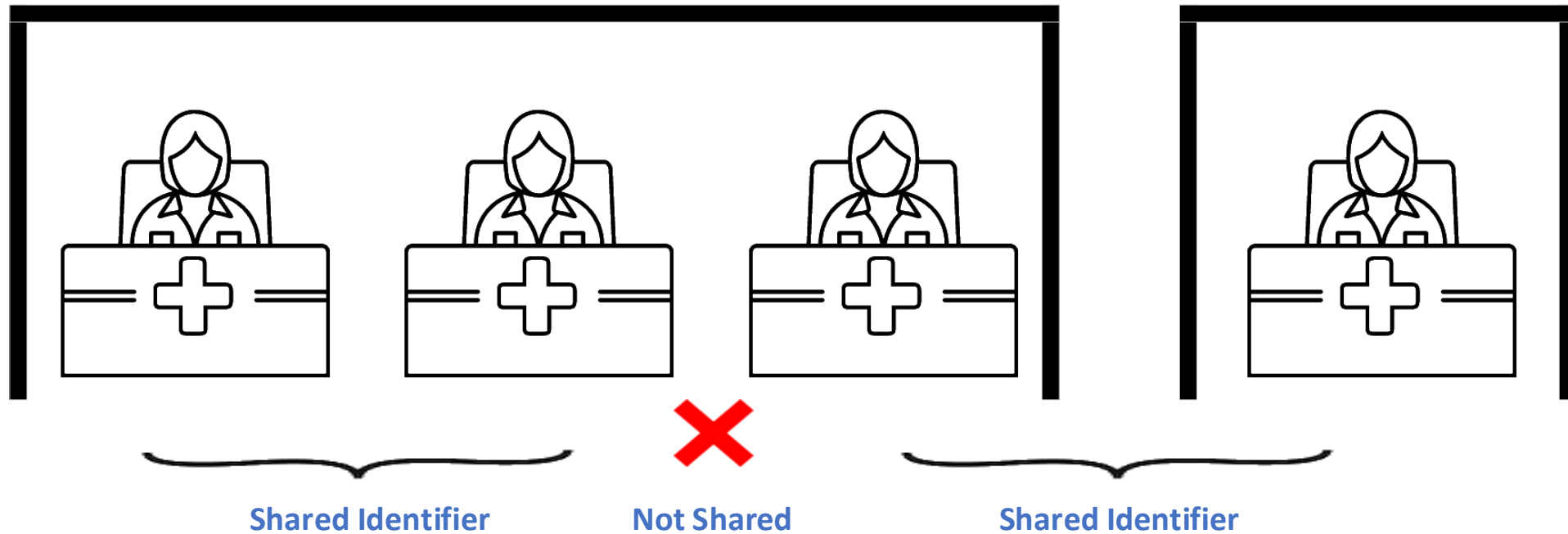
Care Coordinators
Project



Organizing Organizations

Identifying Unique Entities

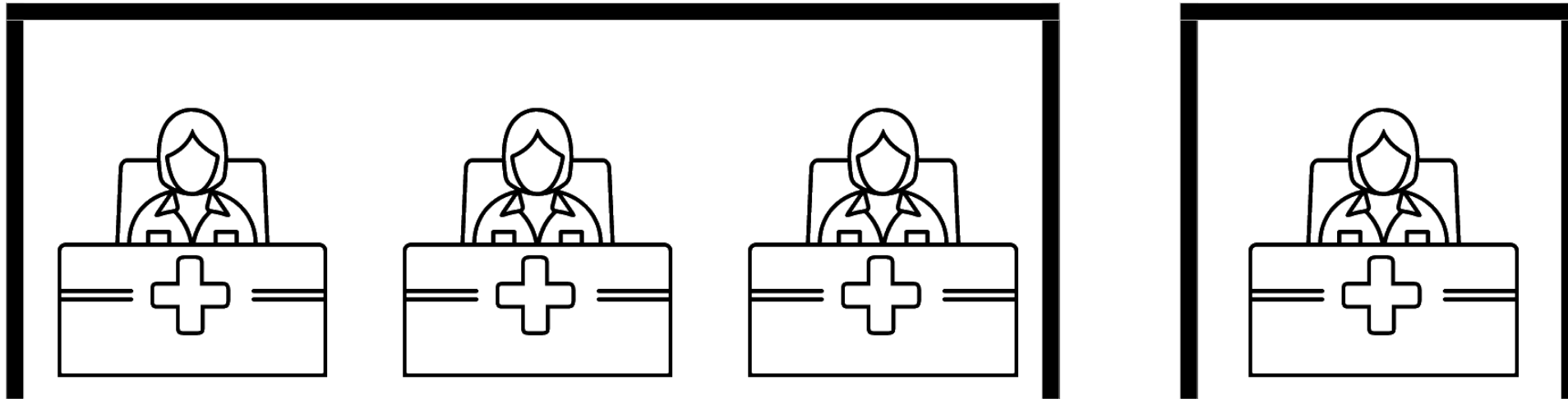
- No readily available identifier is reliably unique (e.g. NPI, TIN, etc.)
- Many list organization data as provider attributes



Organizing Organizations (continued)

Identifying Unique Entities

- MiHIN's journey with OIDs
- Unique identifier per 'organization' per location



Unique Identifier

Unique Identifier

Unique Identifier

Unique Identifier

Program Participation

- Came from real-world demand
 - State Innovation Model (SIM)
 - Medicaid Meaningful Use/Promoting Interoperability
 - Medicare Meaningful Use/Promoting Interoperability
 - Immunization Registry
 - Quality reporting programs
 - Etc.
- Report across other data
- Program start/end dates





Additional Resources

For all support issues: <https://mihin.org/requesthelp/>

For more information: <https://mihin.org/>



Thank you!

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