

UHN

DRIVING HEALTHCARE SOLUTIONS FORWARD

Who is UHIN

- Established in 1993
- Board comprised of community members
- Mission: Positively impact healthcare through reduced costs, improved quality, and better results driven by innovative healthcare technology solutions
- Standards Development Organization
- Healthcare clearinghouse – UTRANSEND
- Clinical Health Information Exchange – CHIE
- Data repository and analytics - CareAchieve

Why HIE?

- Almost 60% of patients seek services outside of their primary care provider
- Improved security
- Savings in costs and maintenance in multiple connections
- Better care for patients

What Comprises an HIE?

- Master Patient Index
- Longitudinal patient view
- Record locator services
- Central data repository

Interoperability and HIE

- Over 100 active HIEs across the country
 - Between 2010 and 2011 the number tripled
- Increasingly HIEs exchange data on shared patients
 - UHIN is part of western PCDH
- Various functionality
 - Minimal – limited to routing only
 - Full-service – proactive notification and analysis

CONNECTING THE WEST

Connected –

Arizona

Colorado

Idaho

Nevada

Nebraska

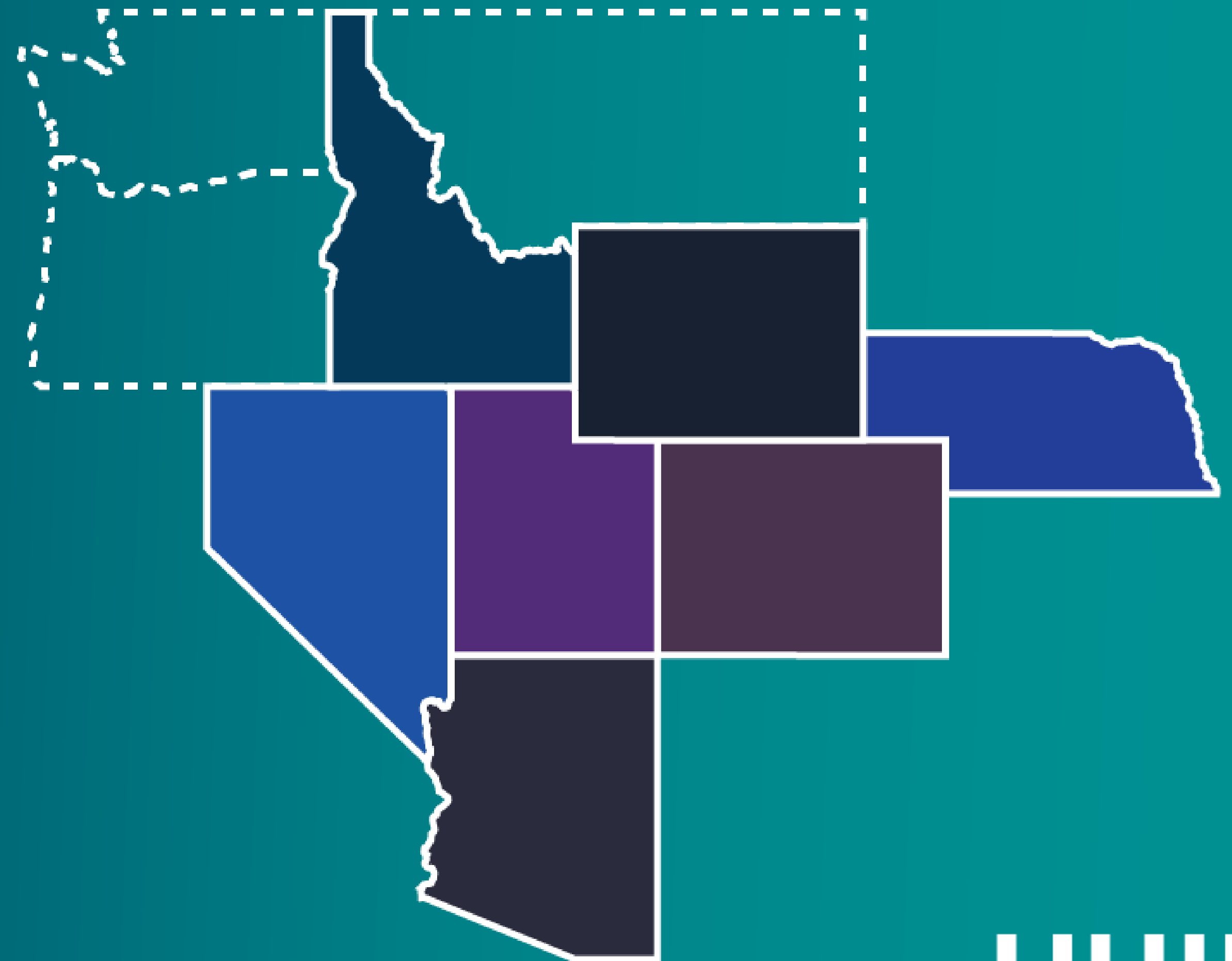
Wyoming

In process –

Montana

Oregon

Washington



Hubs Growing Across the Nation

- Western
 - Utah, Colorado, Arizona, Nevada, Nebraska, Idaho, California
- Great Lakes
 - Michigan, Indiana, Ohio, Kentucky, Tennessee
- South
 - Arkansas, Oklahoma

THE **C** **HIE**

INTEROPERABILITY

Exchanging data is not enough,
you must be able to use the data.

The exchange of healthcare data should be seamless. Using that data should be too. That's interoperability. Using the CHIE, UHIN has added advanced connectivity and technology to achieve true interoperability, allowing you to harness data for better healthcare outcomes.

CONNECTING THE COMMUNITY

4



major health systems in the state



Independent hospitals



Labs



Large clinic systems



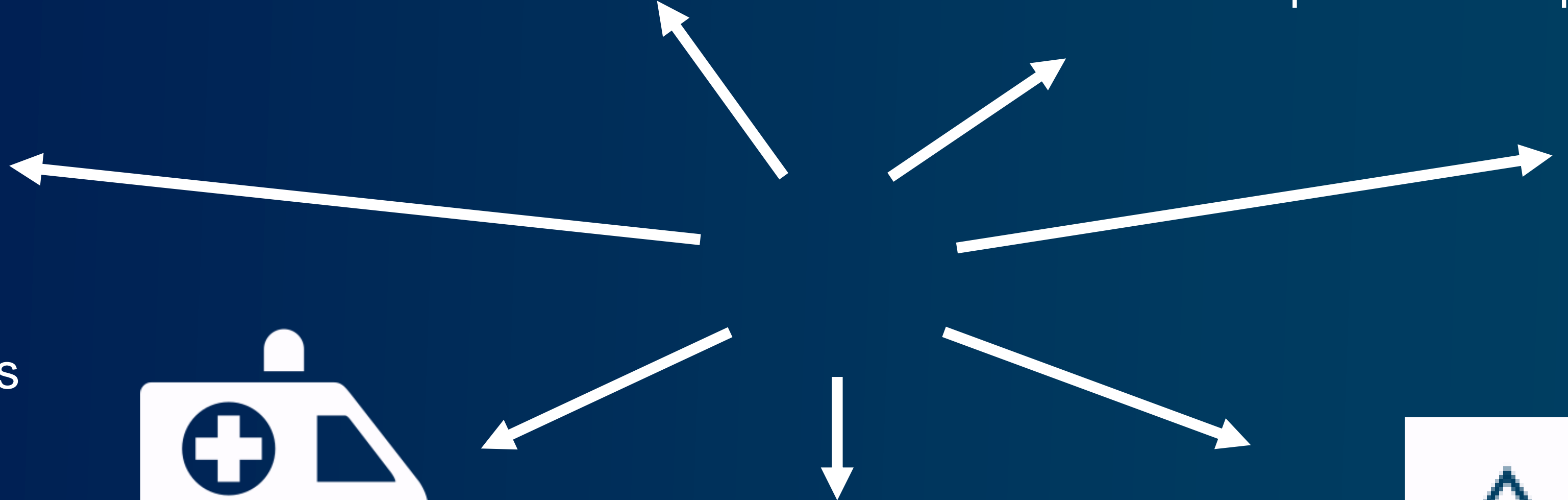
Emergency Medical Services



Payers



Long-term care facilities



PROOF IS IN THE NUMBERS

- Nearly 5 million patients
- 49 million clinical records
- 60K admission alerts sent monthly
- 131 facilities in 7 states
- 45 Utah hospitals – all hospitals in major systems
- Final 4 independent hospitals scheduled



TYPES OF INFORMATION



- ✓ Transcriptions
- ✓ Radiology reports
- ✓ Labs
- ✓ Allergies
- ✓ Medications
- ✓ Emergency Medical Services
- ✓ Diagnoses
- ✓ ePOLST

ACCESS TO INFORMATION



- Push of data directly into system
- Query of information from EHR
- Single sign on from EHR
- Directly through clinical portal
- Patient can access through patient portal

UHIN's Data Centers - Secure and Reliable



- ✓ Geographically disperse and redundant
- ✓ Regular security assessments (including 3rd party)
- ✓ SLA 99.99%
- ✓ Redundant systems for DR
- ✓ 24 x 7 x 365 security and monitoring
- ✓ Two-factor authentication

Rigorous Compliance

- ✓ HIPAAA compliant
- ✓ PCI DDS compliant
- ✓ SSAE16 SOC 1 & SOC 2 (Type II)
- ✓ Electronic Healthcare Network Accreditation Commission (EHNAC)
 - HIEAP
 - DTAAP - HISP
 - DTAPP - RA

PUBLIC HEALTH



- ✓ Electronic lab reporting
- ✓ Syndromic Surveillance
- ✓ Working on Cancer reporting
- ✓ Working on Registries
 - Trauma
 - Stroke

UHIN's CHIE Alerts

Subscription model

- Clinicians
- Care managers/Case managers
- Home health
- Patient coordination
- Quality review of readmissions
 - Proven methodology to reduce readmits
 - CMS incentive for post-discharge follow up

Alerts

- Emergency Room visits
- Hospital admissions and discharges
- Follow-up visits



ANALYTICS & DASHBOARDS

- Population Management
- Chronic disease management
- Quality metrics
- Admission / Discharges
- Hospital readmissions
 - Cost system \$15 billion annually
 - Over 1/3 of hospitals in Utah will face reduced payments



Master Patient Index

- Master Patient Index
 - Backbone of the system
 - Allows the creation of comprehensive patient record
 - Non-profit claims clearinghouse
- MPI Services
 - Identity management solutions
 - MPI cleaning services
 - Community MPI
- Patient Repository
- Data Warehouse



THE CHIE

Getting the most out of the cHIE

Questions? Contact Rachel Eyre
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