

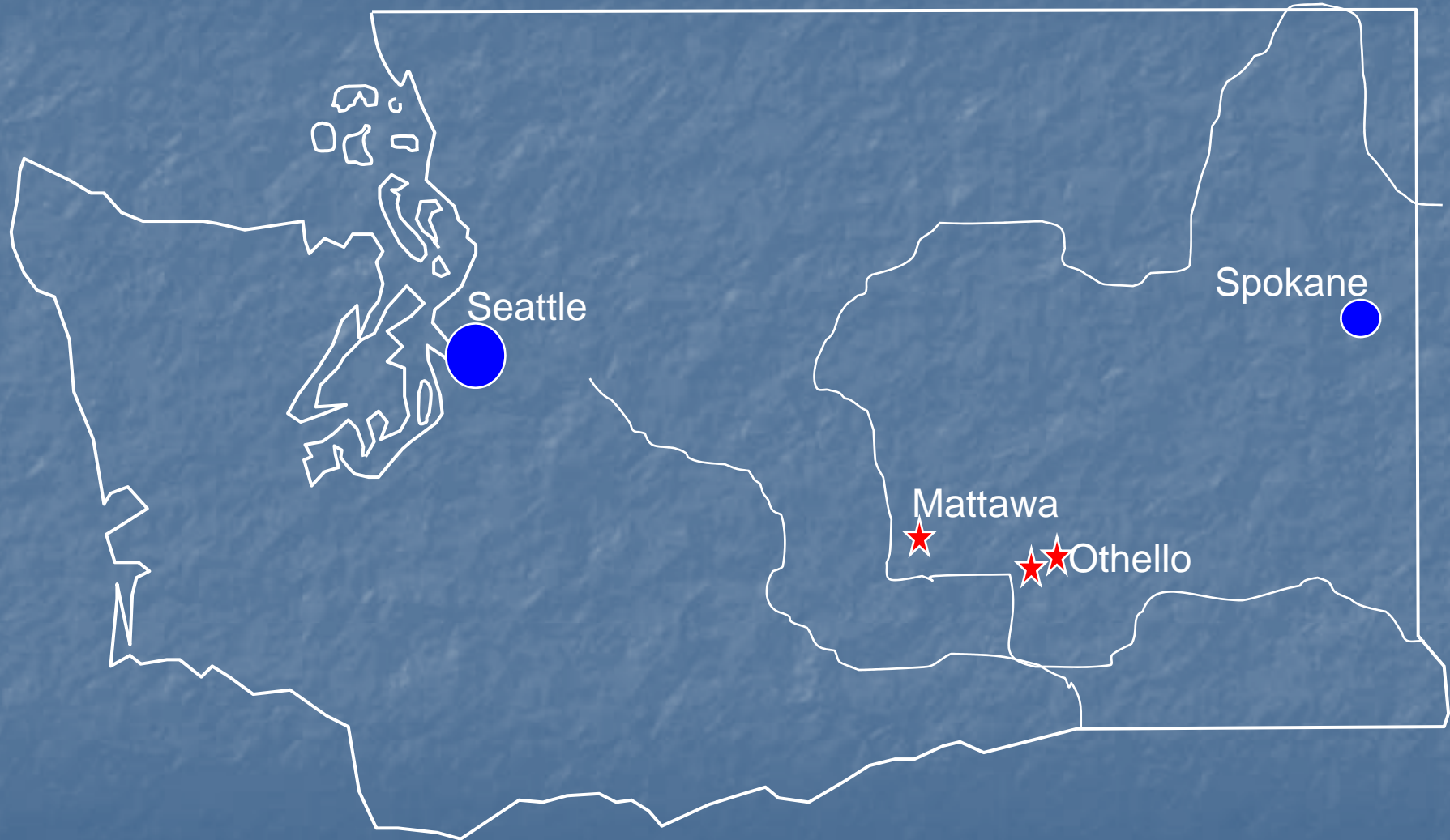


**Columbia Basin**  
Health Association



HCE: Business Case

# Washington



# Overview Of CBHA

## ■ Clinic Operations

- Established In 1973
- 12 Medical Doctors / 1 Optometrist
- 8 Mid-levels
- 5 Dentists
- 240+ Employees
- 24,000+ Patients
- 130,000 Medical / Dental Visits In 2007

# Overview Of CHNW

- Contracted with 33 of 39 WA counties
- Community Health Center Clinic sites : 92
- Affiliate PCP clinic sites across WA: 273
- 90+ hospitals under contract
- Serving over 230,000 members

# EMR Experience

- Previous EMR 2000 to 2007
- July 30, 2007 go-live with CPS as EMR
- CPOE of lab orders and Prescriptions
- EMR to Electronic Dental Record (EDR) interface

# Why an Interface?

- Automate data transfer
- Speed up transfer of information
- Reduce data entry errors
- Sharing information is good for patients, clinics

# What is an HCE?

- Healthcare Connection Engine
- One method of standardizing interfaces
- Same requirements for all destinations
- Hardware appliance acting as a communication hub

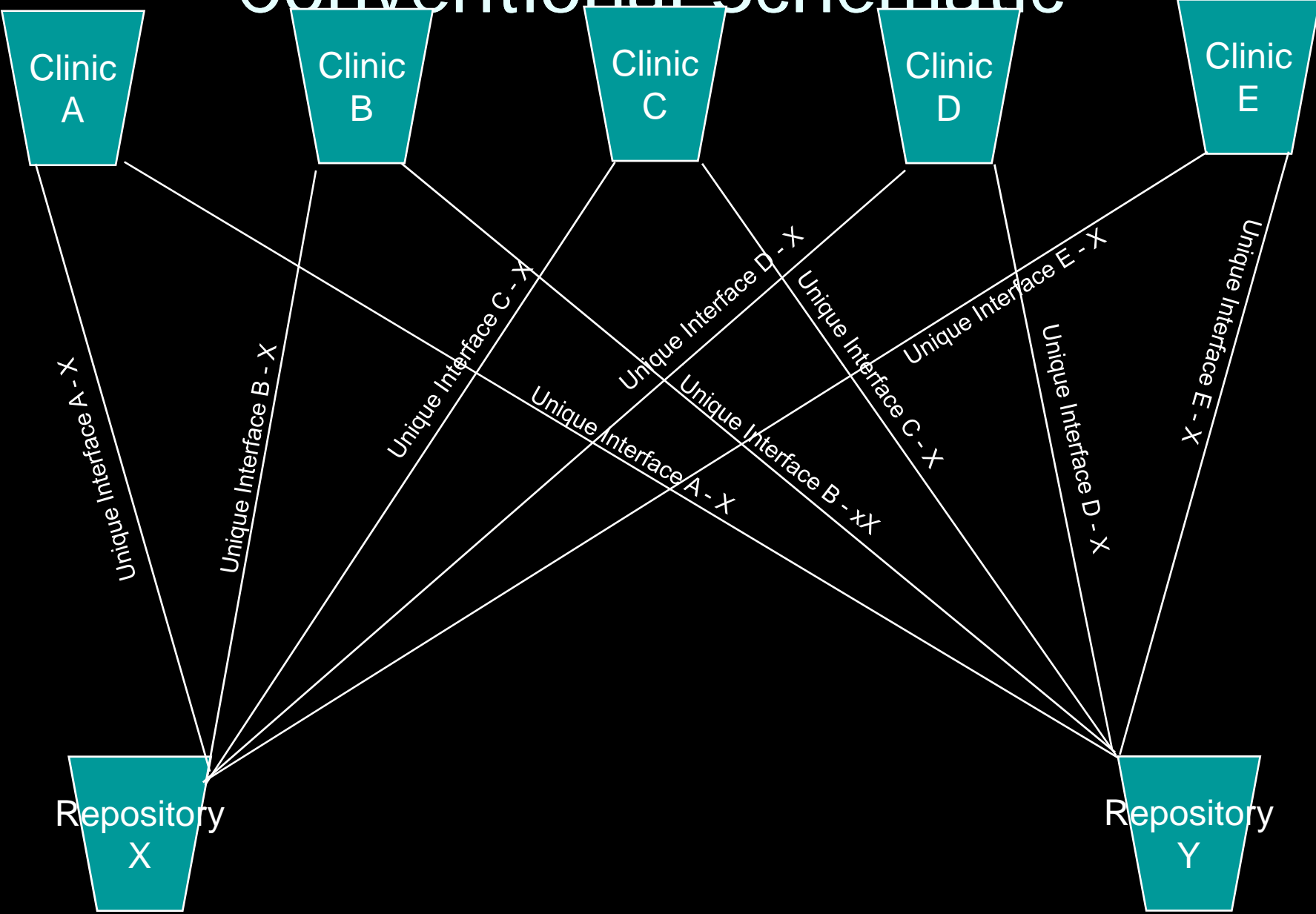
# Why an HCE?

- Write to same format for all payloads
- No need for redundant data in each payload
- Write an interface for first payload
  - Expand on that interface for each subsequent payload
- Reduce cost of creating interfaces
- Reduce the cost/effort of maintaining interfaces

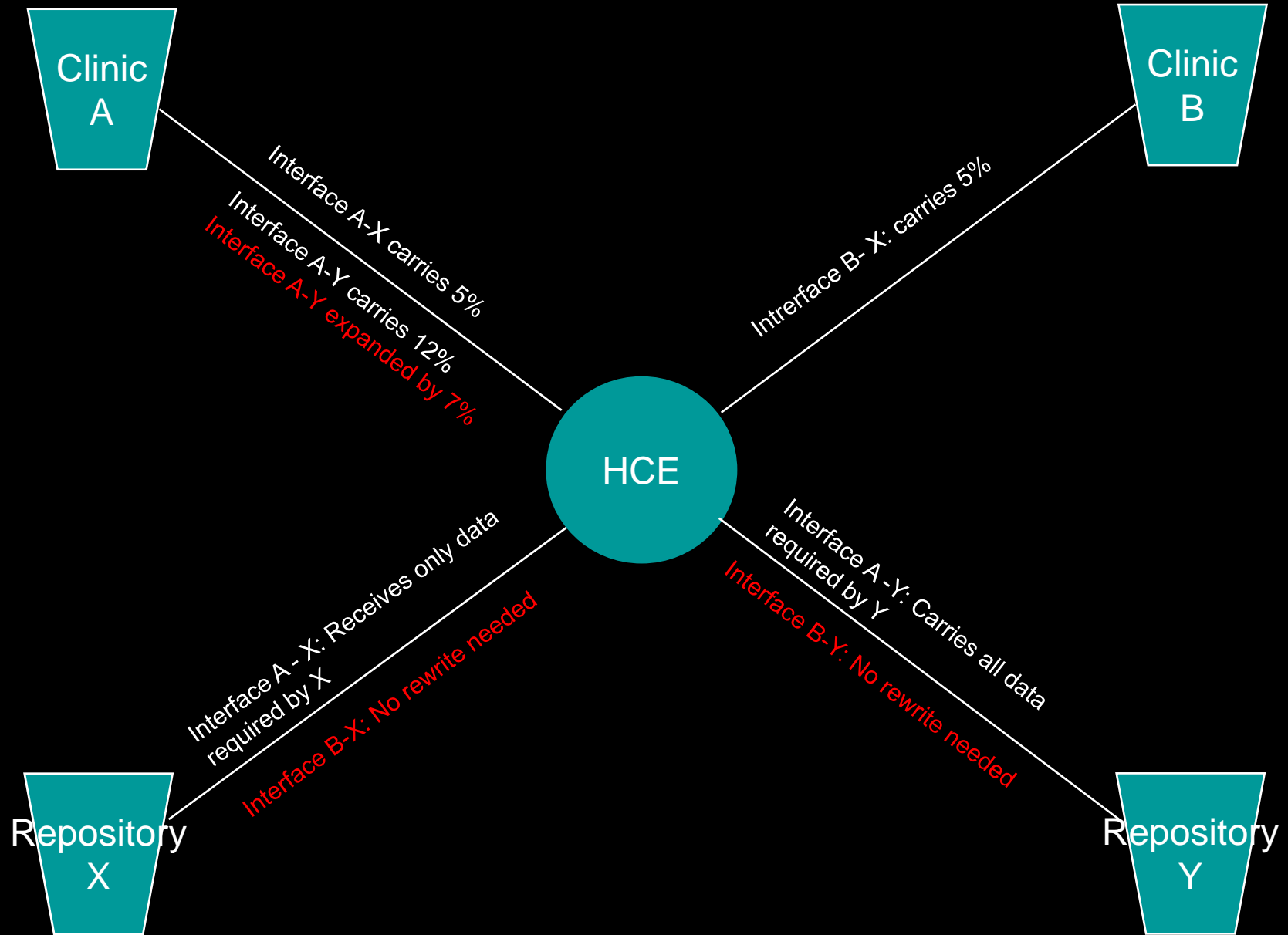
# How does it work?

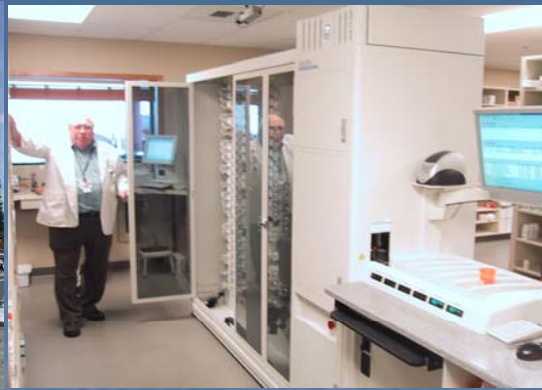
- I don't know
- But I have a pretty good idea of how we'll use it

# Conventional Schematic



# HCE Schematic





NOW DAVID WILL TELL YOU  
HOW IT WORKS

