

Connecting IIS with HIEs and Other IISs

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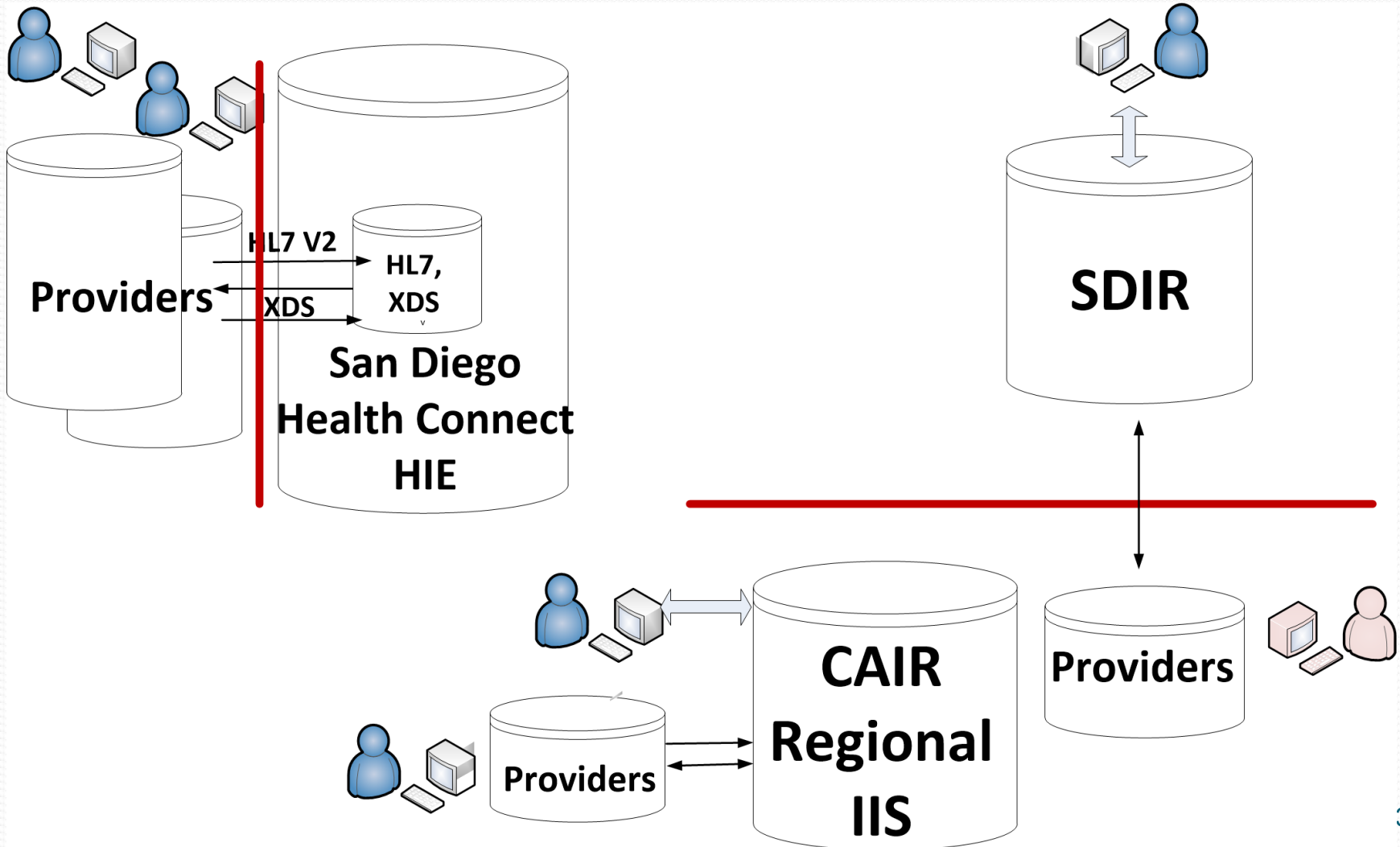
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The Challenge

- California is a large and populous state
- IISs started as regional registries
- San Diego has its own Health Information Exchange
- How to exchange data among all these entities

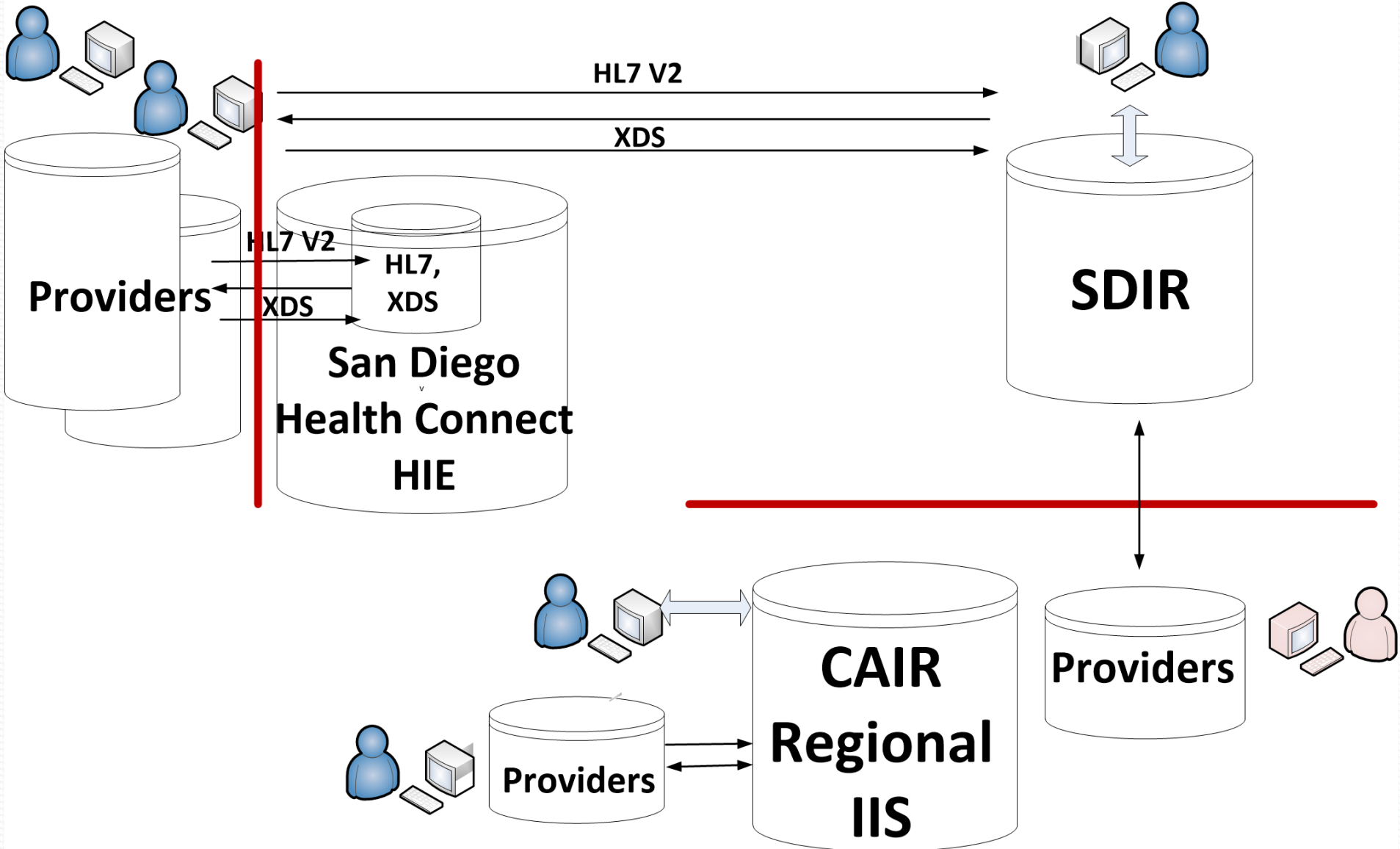
The Challenge



Common Solution HIE<->IIS

- Providers interface separately to IIS and HIE
 - Legacy interfaces (HL7 v2) can continue to be used for IIS
 - IHE interfaces (XDS, PIX, PDQ) can be used by EHRs in the HIE

Common Solution HIE<->IIS



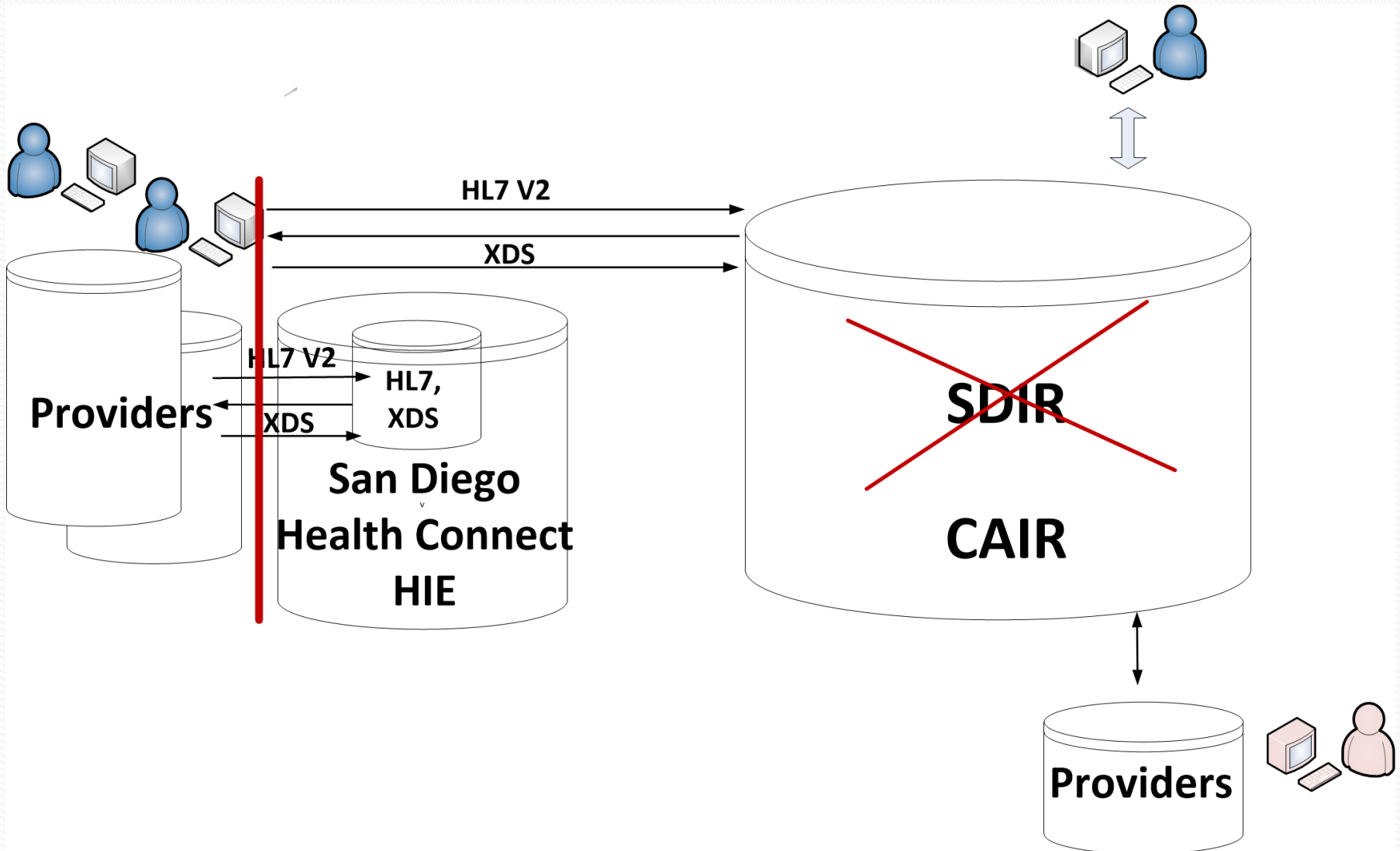
Issues with Common Solution

- No one has the complete picture
 - Immunization Histories may not match
 - Recommendations may not match
 - Matching may be different
- Redundant interfaces for providers
- Competing initiatives, redundant MOUs
- ...

Common Solutions IIS<->IIS

- Add region to state system, turn region off
 - Eliminates duplicate overhead
 - State has complete picture

Common Solutions IIS<->IIS



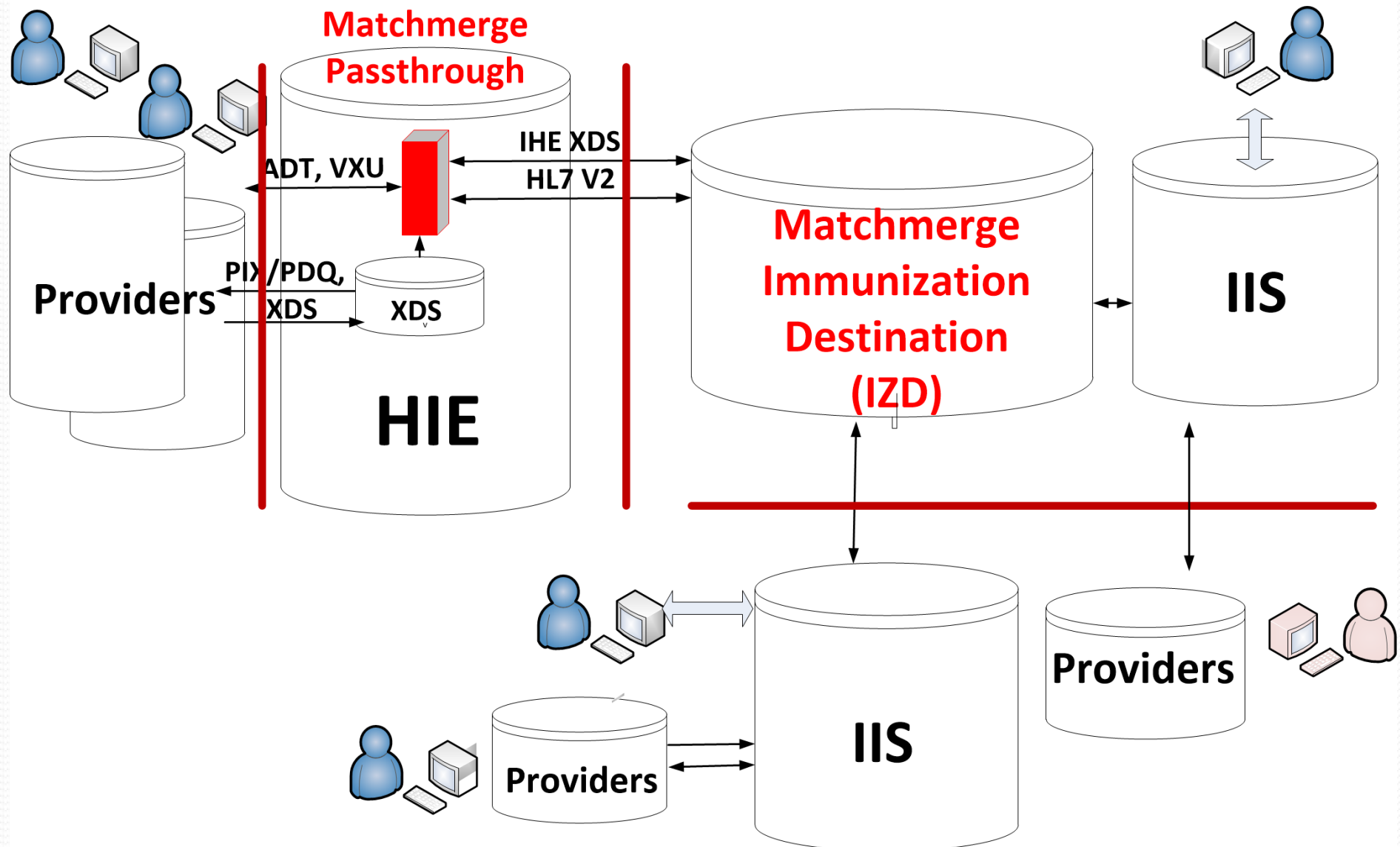
Issues with Common Solution

- Costly cutover task
- Retraining of users
- Loss of local control
- Loss of analysis data
- Redirection of current provider interfaces
- Loss of region-specific features
- Re-opens question of local vs state, regional HIEs

• ...

New Solution

New-generation IIS “edge server”
connecting everyone



HIE<->IIS Benefits

- Provides complete patient picture at HIE
- Closes security loophole for HIE
- Single provider MOU for HIE and IIS
- Single connection point for provider
- IIS retains control over IIS data quality and performance
- Promoting Interoperability compliant

IIS<->IIS Benefits

- Each jurisdiction has complete dataset
- Elimination of redundant overhead is still possible
- No re-training or costly porting
- No new provider MOUs
- No provider interface re-routing
- More local program control

Questions?

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