



# The Future of Immunization Data Systems

Modular Systems and Modern Technologies



# Future IIS Must-Haves

- ▶ Data cleansing and deduplication for rapid reporting and trend identification
- ▶ Ability to share data among multiple entities through integration platforms and governance
- ▶ Ability to rapidly address public health emergencies using low-code small app solutions

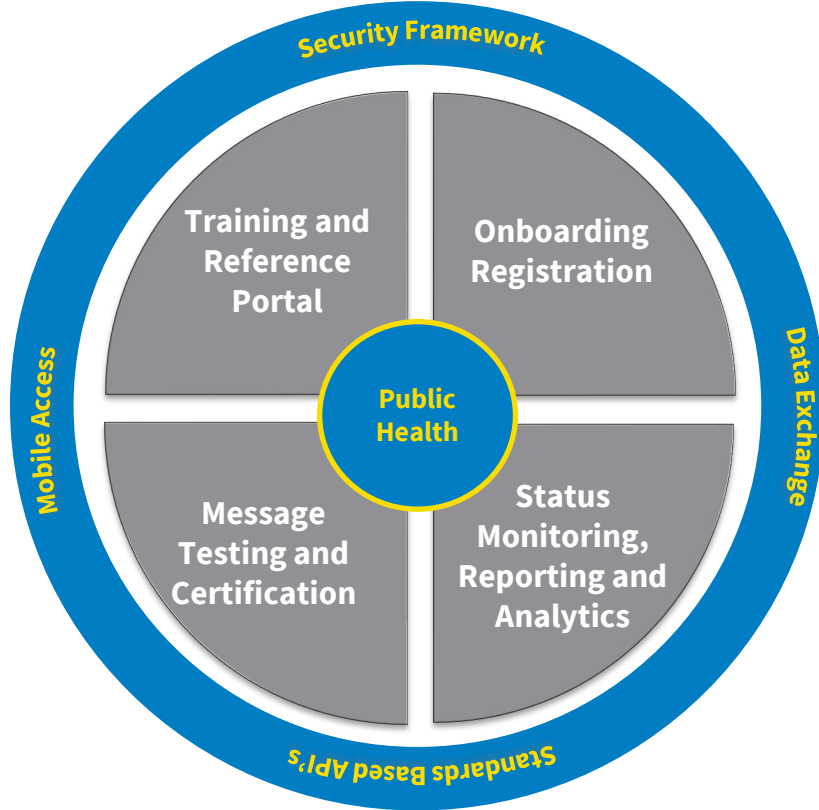


# Modern technologies to aid any future systems



- ▶ Stateless sessions
- ▶ Robust modern framework
- ▶ API for integration with any system
- ▶ Container-based deployments in AWS
- ▶ Easily scalable
- ▶ Fully-hosted service

# How we future-proofed



- ▶ The IIS Resource Center is a separate system that fully integrates into the IIS.
- ▶ This system can be **more flexible** than the core IIS and quickly scaled to meet future needs of Public Health



# What else needs to be considered for the future?



- ▶ Delivering IIS data to individuals and their dependents via consumer access.
- ▶ Providing consolidated, aggregated views of provider data that is accessible to a variety of users




# How are we implementing Consumer Access?

- ▶ Consumer Access will be added to the resource center as the portal to the public domain
- ▶ QBP Messaging will be used to pull back patient-level data from the IIS
- ▶ Hosted on AWS utilizing modern scalable technology to keep up with demand
- ▶ Passing immunization data through the portal from the IIS, do not store it.



# How are we implementing consolidated Provider View?

- ▶ Capture all data associated to organizations in a centralized application
  - ▶ Includes access to data associated to registration, onboarding, vaccine enrollment, survey, and data quality
  - ▶ Bi-directional sync of data to the IIS
  - ▶ Single sign-on from the IIS
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# IIS Resource Center Showcase

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**Let's take a look!**





# Summary





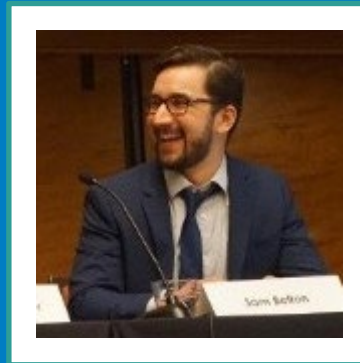
Questions?



# Thank You!



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