
Innovative IIS to MMIS Data Usage in Oregon

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Meet Steve...



- Steve is covered by the Oregon Health Plan (OHP)
- The Oregon Health Plan (OHP) provides health care coverage for Oregonians from all walks of life, including those on Medicaid

Meet *Oregon's Best CCO*...



- Steve is covered by (fictitious) *Oregon's Best CCO*
- Coordinated Care Organizations (CCOs) are Oregon's version of Managed Care Organizations
- Funding is based on membership plus additional health incentives, including a COVID-19 vaccination metric

Problem: How to meet COVID incentive?

- CCOs normally get client information either directly from the clinician or from the state's Medicaid Management Information System (MMIS)
- However, COVID vaccinations may come from a wide range of potential immunizers across the state who may not report to the MMIS

Problem: How to meet COVID incentive?

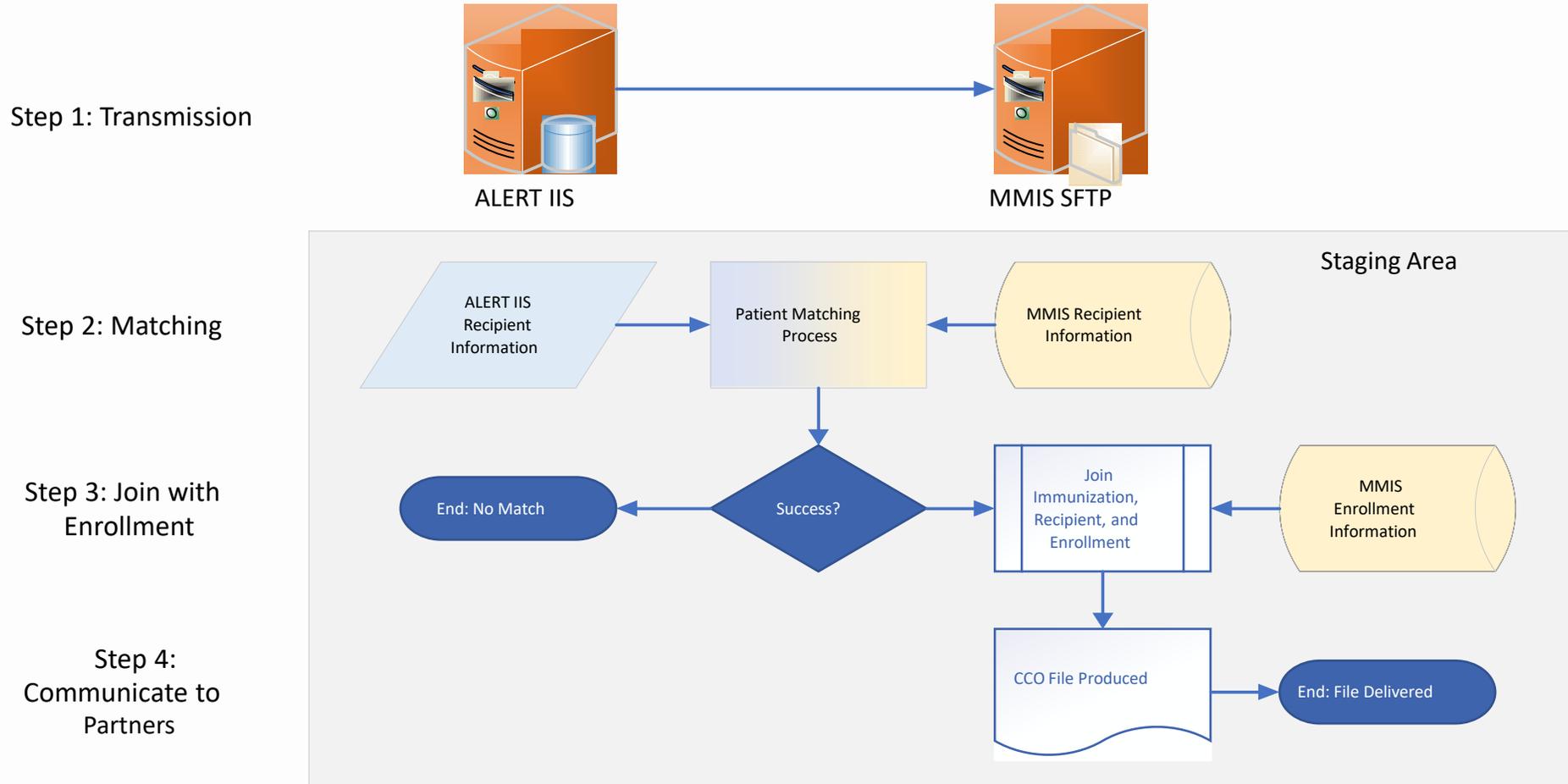
- How can *Oregon's Best CCO* get Steve's COVID vaccination records in order to help him obtain services?
- How can all CCOs identify un- or under-vaccinated OHP members to meet the incentive measure?



Solution? Leverage common MMIS/IIS vendor

- Steve's COVID vaccination records are in Oregon's Immunization Information System (IIS) named ALERT IIS
- Oregon has the same vendor – Gainwell Technologies – for both the IIS and MMIS systems
- Leverage the common resources to send immunization information from the IIS to MMIS through the vendor's data network

Solution Overview



Solution Details

- Build from existing extract for the CDC COVID-19 Vaccination Reporting Specification – CVRS
- Weekly file includes full demographics to support system-to-system matching
- Secure data transfer through vendor network
- Includes all COVID vaccine recipients

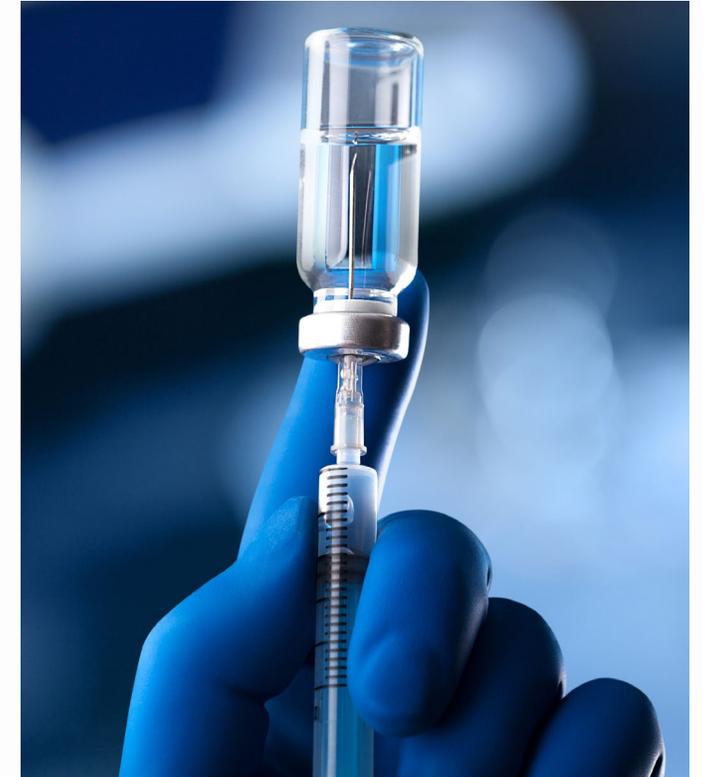


Solution Implementation

- Entries compared on ID, Name, Date of Birth (DOB), Gender
 - Jaro-Winkler algorithm
 - Score of 100 points possible per element
- Match found when
 - IDs are exact and are supported by other quality measurements
 - First name, Last name, DOB, Gender are exact matches
 - Fuzzy matches where Name values are sufficiently similar and DOB month and year match
- Parsing vaccination information to appropriate payers

Outcomes and Conclusion

- Coordinating access to vaccinations
 - Vaccination clinics
 - Residential/Congregate vaccination delivery
- *Oregon's Best CCO* worked with Steve to get his COVID vaccinations
- OHA able to measure CCO performance and incentivize them to find ways to get shots into arms





Questions?
