

Electronic Case Reporting Leveraging Fast Healthcare Interoperability Resources (FHIR) Toolkit

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Introduction

HCCNs and PCAs have more time and resources to dedicate to FHIR integration and can support their network health centers to discover issues and troubleshoot ahead of scaling/expanding across the network. This ensures a consistent development model across all clinics with less effort and allows for the opportunity to apply lessons learned to future development work.

This guide offers resources, a sample timeline, and a checklist of what HCCNs and PCAs should have in place for successful integration. Be sure to plan for troubleshooting time as you may face unique challenges that may take time to fully resolve.

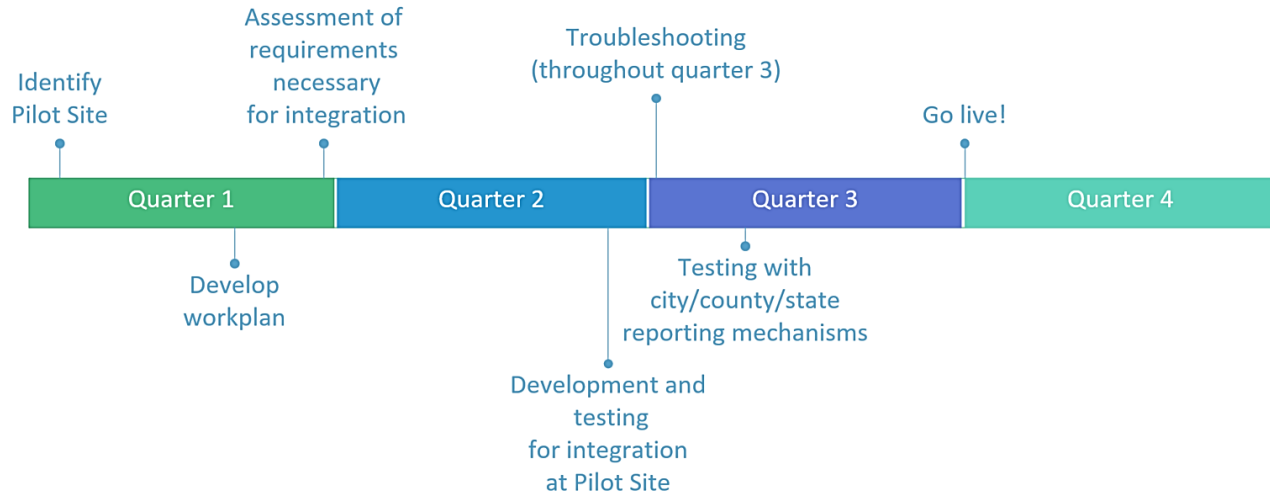
Checklist: Before You Integrate

Before You Integrate:

- What staff resources are available to dedicate to this effort?
- How is your EHR Vendor able to access FHIR and utilize it?
- How can your EHR Vendor concurrently make use of the functionality of FHIR?
The use case may need to be directly to leadership on the Vendor side to avoid delays.
- What are your plans for testing and scaling across your network and across multiple hosted networks (if applicable)? You will need to test connections and have regular collaboration with the vendor to ensure a stable API connection on the EMR side and to ensure all the security measures are in place to protect data.
- What health center partnership or a partnership within the clinical teams could you leverage for a pilot to test and troubleshoot?
 - What are the case reporting requirements for that partner locally?
 - Is their individual EHR instance ready for FHIR integration?
 - What is the ability for the network to host the eCR Now application (i.e., infrastructure on the server and the capability to manage that, etc.)?
 - What is the path of delivery of reports through eCR Now? Can the health center utilize DIRECT messaging or XDR transmission?

Sample Timeline/Process

This is an example of a one-year timeline for implementation.



Resources

To achieve our outcome of increasing the number of high-risk patients linked to primary care providers, we have several resources to guide you:

Resource
eCR Reporting Requirements
eCR Readiness and Implementation Checklist
Association of Public Health Laboratories: AIMS Platform