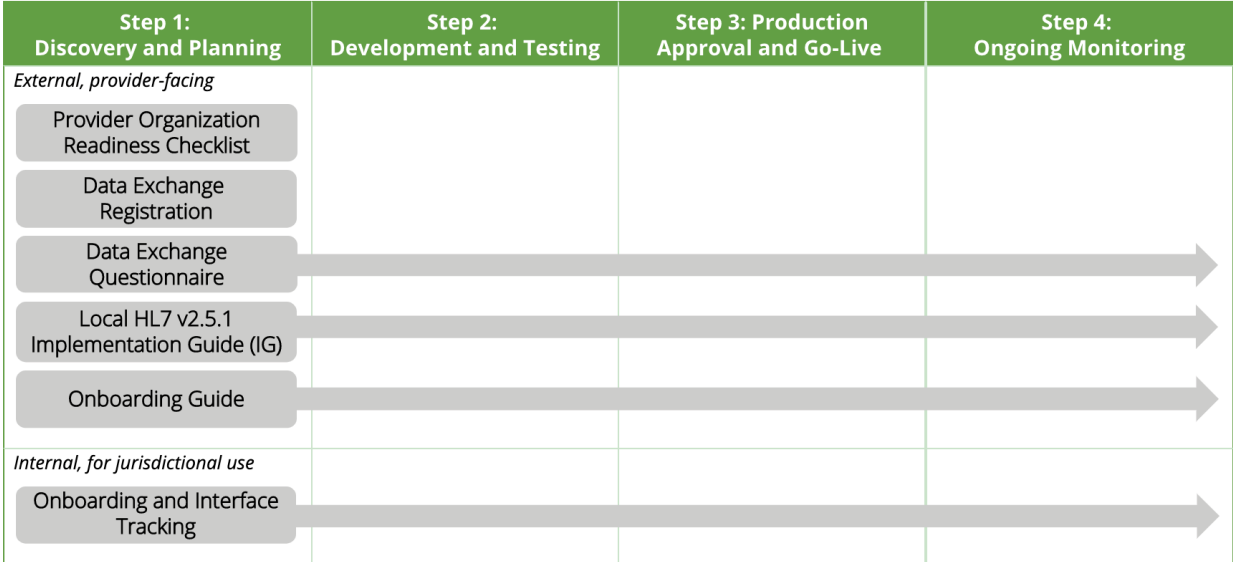# Oregon ALERT IIS Provider Organization Readiness Checklist for Data Exchange

About this document

A Readiness Checklist assists in ensuring that provider organizations are capable of standards-based electronic data exchange. A Readiness Checklist also walks through all the activities a provider organization should complete to initiate the onboarding process, from enrolling in the IIS to completing a data exchange registration, data exchange questionnaire, and reviewing IIS onboarding and data exchange materials. A Readiness Checklist can be especially useful for provider organizations that may be new to electronic data exchange as it highlights readiness content from your Onboarding Process Guide.

A Readiness Checklist is a key component of a jurisdiction's onboarding and data exchange resources. It can serve as an initial reference for provider organizations interested in electronic data exchange, as it provides links to other key onboarding and data exchange resources. Figure 1 below provides a visual indicating the use of a Readiness Checklist, as well as other key documents and tools, through the IIS onboarding process.

Figure 1. Jurisdictional documents and tools used in the IIS onboarding process

Step 1: Discovery and Planning	Step 2: Development and Testing	Step 3: Production Approval and Go-Live	Step 4: Ongoing Monitoring
External, provider-facing			
Provider Organization Readiness Checklist			
Data Exchange Registration			
Data Exchange Questionnaire			
Local HL7 v2.5.1 Implementation Guide (IG)			
Onboarding Guide			
Internal, for jurisdictional use			
Onboarding and Interface Tracking			

An electronic data interface between your organization's electronic health record (EHR) system and ALERT IIS supports ongoing, real-time transfer of data between these systems. Once established, an electronic data exchange interface can support submission of immunization record information from the EHR to the IIS. It can also support querying the IIS for consolidated immunization record information for patients, without leaving the EHR workflow.

Interested in data exchange with ALERT IIS, Oregon's immunization information system? Use this Checklist to review and complete the activities below to ensure your system is capable of electronic data exchange with ALERT and that your organization is prepared for the onboarding process to establish a data exchange interface.

Questions? Reach out to the IIS Data Exchange team at ALERT_DataExchange@odhsoha.oregon.gov

Enroll in the IIS

❑ **Complete ALERT IIS Confidentiality Agreement to enroll in and be authorized to access the IIS.**
Ensure all facilities (physical sites) associated with your organization are also properly enrolled in the IIS.

Ensure base technical capability to support immunization data exchange

❑ **Ensure your EHR system is capable of supporting SOAP Web Services, using the CDC WSDL.**
Secure transport of data between an EHR and the IIS is supported through use of SOAP Web Services and in particular, a Centers for Disease Control and Prevention (CDC) WSDL. Implementation of this WSDL is necessary to support secure data exchange.

❑ **Ensure your EHR system is capable of supporting HL7 v2.5.1 immunization messaging.**
Immunization data exchange is supported through use of Health Level Seven (HL7) version 2 messaging. The HL7 v2.5.1 Implementation Guide for Immunization Messaging (National IG) provides specifications for use of this format to support standards-based exchange of immunization data.

If your EHR product is certified under the ONC Health IT Certification Program,[1] editions 2015 and 2015 Cures Update, your EHR is capable of supporting submission of data to an IIS and the ability for an EHR user to query the IIS for an evaluated immunization history and forecast, using HL7 v2.5.1 messaging. **If your**

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[1] https://www.healthit.gov/topic/certification-ehrs/certification-health-it

EHR is not certified or you're unsure of its certification status, check with your technical vendor to ask about these capabilities.

Complete IIS data exchange forms

❏ **Register for data exchange with the IIS** **ALERT Data Exchange Registration Form**
Register your intent to exchange data with the IIS. Provide general information about your organization, the number of facilities associated with your organization, and your EHR.

❏ **Complete the data exchange questionnaire ALERT DX Questionnaire.**
Provide detailed information about your EHR, data exchange capabilities, and your organization's immunization practices and population to inform data quality testing in the onboarding process.

Prepare for the onboarding process

❏ **Review the Oregon IIS Onboarding Process Guide.**
Review the steps and activities involved in the onboarding process. Review expectations and responsibilities during onboarding as well as post-onboarding, once the interface is "live." Identify your onboarding and interface support team; I.e., the resources you will need to complete and support the activities outlined. Ensure these resources are sufficiently allocated to the onboarding project and available as needed to support the duration of the onboarding process and ongoing maintenance of the interface.

Completion of the IIS enrollment, the registration form for data exchange and the data exchange questionnaire will place your organization in queue to be invited to an onboarding kickoff call, as IIS resources allow. An onboarding kickoff call initiates the process of establishing connectivity and data quality testing between your EHR and the IIS.

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