

EMR EHR Connectivity

Overview

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1. INTRODUCTION

The purpose of the EMR EHR Connectivity Specification is to provide EMR vendors with the implementation requirements and guidance for an EMR Offering to be able to connect to the Ontario Health ONE Access Gateway (OAG).

The provincial EHR relies on reusable services to authenticate EMR users and orchestrate access to different EHR products and services. EMR vendors benefit from having a standard that allows systems to connect to EHR products and services.

1.1 Documents

The EMR EHR Connectivity Specification consists of the following documents:

DOCUMENT NAME	PURPOSE
Overview	Provides an overview of the EMR EHR Connectivity Specification.
ONE Access Gateway – Business View	Provides the business purposes and context for implementing connectivity to the ONE Access Gateway.
ONE Access Gateway – Requirements	EMR requirements to implement connectivity to the Provincial Gateway.
Federation Identity and Single Sign-On – Business View	Provides the business purposes and context for implementing federated identity and SSO.
Federation Identity and Single Sign-On – Requirements	EMR requirements to implement federated identity and SSO.
Contextual Launch Service	Provides the implementation guidance on a service directory for different EHR services that are context-enabled.
Context Management – Business View	Provides the business purposes for implementing context sharing for EHR products and services that leverage context management and contextual launch.
Context Management – Requirements	EMR requirements to implement context sharing for EHR products and services that leverage context management.
Context Management - Contextual Launch Service Configurations	List of EHR services that support the EHR Contextual Launch Service and their specific configuration parameters.

Viewlet Framework – Business View	Provides the business purposes and context for implementing Viewlets for EHR products and services that leverage the Viewlet framework.
Viewlet Framework – Requirements	EMR requirements to implement Viewlets for EHR products and services that leverage the Viewlet framework.

1.2 Provincial Gateway

It is important to implement functionality to connect to the OAG to be able to access EHR products and services. The following sequence diagram provides a high-level view of the interactions when an EMR Offering connects to an EHR Service hosted on the OAG. (SSO integration with the EMR is not depicted in this diagram.)

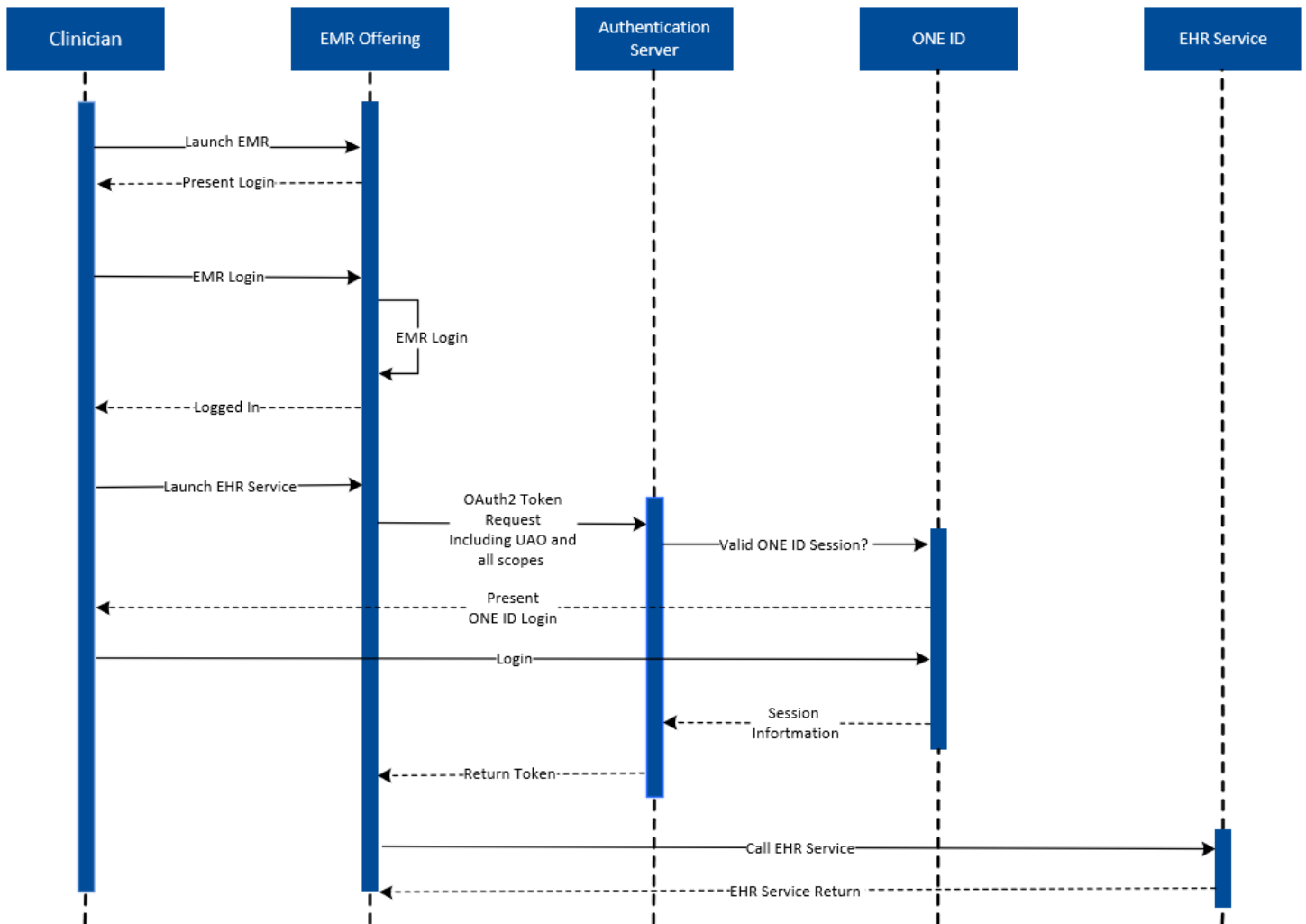


Figure 1 - Flow diagram of the EMR Offering connecting an EHR Service hosted on the OAG

1.3 Contextual Launch Services

The EMR can launch an EHR service in context via a URL. The EMR user is taken directly to the EHR service with the patient information already set. The EMR Offering presents the EMR user with a service directory for different EHR services that are context-enabled. The intended goal is that the EMR Offering can add services through configuration. The EMR user is presented with a list of context-enabled EHR services that they can select and work from. Only two categories of EHR services are context-enabled. Ones that are not dependent on workflows to be triggered. For more information, refer to the “Context Management - Business View” documents.