# 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 Digital Services ONE Access Gateway (OAG).

The provincial EHR relies on re-usable services to authenticate EMR users and orchestrate access to different EHR products and services. EMR vendors benefit from having a single standard that allows EMR Offerings to conntect 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. |
| Context Management – Business View | Provides the business purposes for implementing context sharing for EHR products and services that leverage context management. |
| Context Management – Requirements | EMR requirements to implement context sharing for EHR products and services that leverage context management. |
| 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 or 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*