

# Healthix Portal API *Specification*

**Version 1.3**



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## **1. Portal API Introduction**

A Portal API solution allows Healthix participant's users to access Healthix Clinical Portal without having to log in separately. This document describes the method and specifications on how Healthix, the service provider can accept Portal API credentials from its participant to authenticate against either Healthix's HealthShare system or SAML authentication.

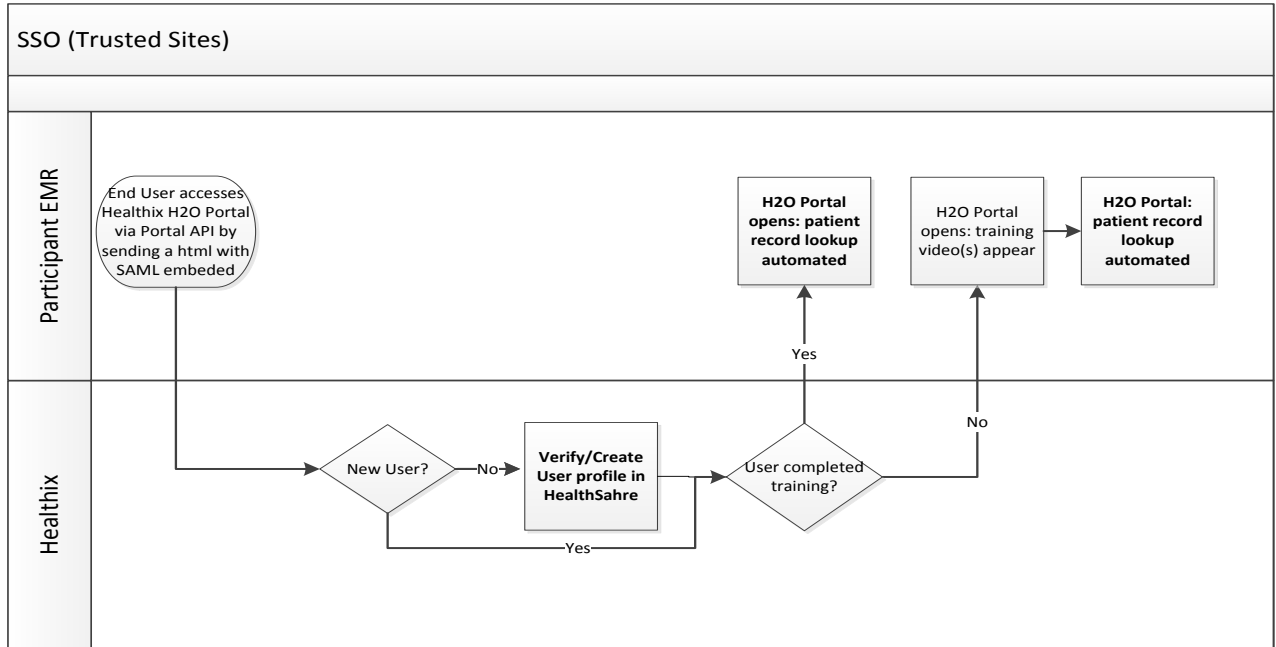
The Portal API process utilized by Healthix authenticates for a valid user identity from its participants. Once that user identity has been validated, the Healthix's application controls the user's privileges and access within Healthix Clinical Portal. If Healthix cannot validate the user's identity successfully then no access to Healthix Clinical Portal is allowed.

## **2. Registration & Authentication**

Healthix uses SAML authentication to authorize users requesting access to Healthix Portal via API service. SAML authentication for Portal API enables users to access Healthix Portal without using Healthix's User registration. In SAML authentication, Participant sends information required by Healthix via SOAP call. Healthix processes the information provided by Participant and creates user profile in its HealthShare user directory. For subsequent user access, Healthix uses the user profile created during the initial access to authenticate and authorize user.

### 3. Portal API

Portal API uses SAML authentication to allow participants to authenticate users for the Healthix Portal access. The following diagram shows the workflow for Portal API from participant to Healthix.



#### 4. Steps for PORTAL API

1. User clicks on the Portal API button in their EHR
2. EHR generates the request to Healthix with the following attributes and sends http post

Item	Required
Patient's MRN	Required
Facility ID	Required
Clinician's User ID	Required
Clinician's User Role	Required
Clinician's User Specialty	Required
Clinician's Email	Required

3. EHR sends generated request to Healthix. (See Appendix - A)
4. Healthix process the SAML http header request received from participant.
5. For new users, Healthix create the user in Healthix.
6. Once authenticated and authorized, Healthix queries HealthShare for Patient Information and checks patient's consent.
7. Depending on consent, Healthix generates response to the EHR's request.
8. For consented patient, Healthix redirects Participant's EHR request to Healthix Portal URL.



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```