PIX Manager Web App

Technical Specifications

Version: 1.0.x

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Date: August 2016

Lexmark™ Enterprise Software

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About PIX Manager Web App technical specifications

The Patient Identifier Cross Referencing (PIX) Integration Profile in Integrating the Healthcare Enterprise (IHE) supports cross-referencing of patient identifiers from multiple patient identifier domains by transmitting patient identity information from an identity source to the patient identifier cross-reference manager and providing the ability to access the lists of cross-referenced patient identifiers either via a query or response or via an update notification.

In the context, Acuo eMPI PIX Manager receives patient identifiers and demographics from an HL7 v2 or v3 Patient Identity Source for patients that exist in multiple domains. Custom matching conditions using patient's demographics are configured to link matching patient records existing in different domains. An enterprise ID may also be optionally generated for a set of linked patient records. The system provides HL7 (v2 and v3) PIX and PDQ interfaces to allow consumer systems to query for patient records by ID or demographics. PIX notification messages can also be sent to a consumer.

Lexmark's PIX Manager Web App, version 1.0.x, provides a web interface to interact with Acuo eMPI PIX Manager to support several administrative capabilities like adding, editing, deleting, and merging patient records. It also allows users to search for patient records by patient demographics and linked patients, if available. The technical specifications in this document are specific to PIX Manager 1.0.x.

A required amount of memory and disk space is provided. You must meet these requirements to support your PIX Manager Web App system. These requirements specifically list the needs of PIX Manager Web App and do not include any amount of memory or disk space you require for the operating system, environment, or other software that runs on the same machine.

Product requirements

Specification	Description
Hardware	A server-class system is required.
Operating Systems	Microsoft Windows Server 2008 R2 or Microsoft Windows Server 2012 or Microsoft Windows Server 2012 R2
Web Application Servers	Apache Tomcat 8 or higher or IIS 7.5 or higher If using IIS, mime types of file extensions such as .json, .less, .woff, and .woff2 are required.
Software	Acuo eMPI PIX Manager Service
Accessibility	100 MB network minimum, configured at full duplex, is required and a 1 GB network is recommended.
Memory	200 MB
Disk Space	50 MB

Specification	Description
Internet Browser	Google Chrome (52.0.x.x) Internet Explorer 11 Microsoft Edge Mozilla Firefox