

SPP Member-Facing Technology Stack

Version 1.0

Table of Contents

Version Control 2
Executive Summary 3
Interfacing with SPP Systems 3
UI Technology Stack 3
API Technology Stack 3
Additional Documentation 3

Version Control

Version	Date	Author	Change Description
1.0	05/07/2017	SPP IT	Initial version

Executive Summary

This document provides information on member-facing portions of SPP's technology stack. The information is provided in order to ensure SPP stakeholders are informed of technology components utilized and supported by SPP for member-facing/impacting systems and applications.

Interfacing with SPP Systems

SPP provides graphical user interfaces (UIs) and application programming interfaces (APIs) for member-facing/impacting systems and applications. In most cases, both UIs and APIs are provided for each system and provide generally the same functions. However, some exceptions do exist, as user interfaces and/or programmatic interfaces are not called for in all cases. For example, The Schedule Data API provides only API access while the Ratings Submission Tool and LSA tools provide only UI access. Any access or retrieval of data outside of officially published SPP interfaces is neither supported nor encouraged.

UI Technology Stack

SPP UIs support the use of the following web browser versions. Because of varying development schedules, all UIs may not support all listed browsers/versions. Use of any other browser or browser version is not recommended nor supported.

- Internet Explorer (10, 11)
- MS Edge
- Chrome
- Firefox

API Technology Stack

SPP utilizes SOAP and REST-based web services over HTTPS for programmatic interactions. All web services utilize *two-factor authentication. In addition, SPP supports the use of sFTP for the programmatic retrieval of Marketplace Public Data.

*Two-factor Authentication will be implemented in production for all member-facing SPP systems and applications effective October 2017.

Additional Documentation

- Two-factor Authentication technical specifications are available in the [Marketplace Technical Specifications](#) folder on spp.org.
- API specifications and associated documentation for each member-facing system and application, including Marketplace Public Data, are available in the [Marketplace Technical Specifications](#) folder.
- The SPP Acceptable Use Policy is available from the [Terms & Conditions page](#) on spp.org.

Navigation paths to document locations linked above are shown below.

- Marketplace Technical Specifications: spp.org > Organizational Groups > Change Working Group > Reference Documents > Marketplace Technical Reference Documents > Marketplace Technical Specifications
- SPP Acceptable Use Policy: spp.org > Terms & Conditions > Acceptable Use Policy