

PEXA Development & Testing Instructions

The PEXA APIs provide a powerful way to leverage the useful data that's already being stored in your system. By integrating with PEXA, members can create business efficiencies to reduce double handling, minimise manual data entry and provide a seamless user experience.

PEXA has a range of APIs that can be used across every transaction type and integrating parties can implement a customized integration design utilising the PEXA APIs.

The process for integrating with the PEXA APIs is outlined below.

PEXA Development and Testing Process

1. Register for API Developer Portal Access

Fill out the API enquiry form on the PEXA API web page, once PEXA receive the completed form our team will review the details and provision your access to our API Developer Portal.

2. Get Test Access

Upon reviewing the portal documentation and when you're ready to proceed with your integration project, you can request access to the PEXA API test environment.

PEXA adheres to API best practices to authenticate and authorise access to the PEXA Exchange APIs. To achieve this, PEXA provides the following authentication methods:

- OAuth 2.0
- Mutual TLS

PEXA will determine the authentication method best suited to the integrating party. Refer to the '[PEXA API Activation Manual](#)' downloadable on the PEXA API web page for further information on authentication methods and test environment access.

3. Plan and Design

The API Developer Portal includes API documentation, FAQ's, guides and other useful documentation. The documentation on PEXA's API Developer portal will help you plan and design your integration.

As part of your planning, you will need to assess the PEXA APIs to understand which APIs to target in order to gain desired workflow efficiencies and design your integrated solution. This process is most effectively completed by mapping out your current workflow state to identify the PEXA touchpoints.

4. Build and Test

We are here to support you every step of your build journey.

PEXA provides a fully managed test environment with prod-like test data and personalised use cases. This will allow you to simulate live requests and responses as we understand the importance of concurrent building and testing to fast track development cycles and ensure quality.

Throughout building and testing, PEXA is available to support with your technical queries. You can obtain email support at apisupport@pexa.com.au. We recommend that your email support requests include your XML request/response messages and errors.

5. Production Readiness

Launching the integrated solution into production is exciting and there are several considerations when preparing to go live.

Items required prior to go live:

- PEXA requires 4 weeks' notice period of the intended technical production cutover date.
- The PEXA integration terms need to be executed
- The technical security requirements need to be supplied by the integrator and reviewed by PEXA (available on the PEXA API web page)
- A demonstration of the integrated solution is to be provided to PEXA.

When launching your integrated solution, change management planning is also important. For instance, you may want to first roll the solution out to a pilot user group to iron out unforeseen issues prior to rolling out to a wider user group. Similarly, you should consider user training needs and whether a marketing campaign is needed to drive member adoption and usage of the integration.

6. Go Live

Upon the agreed technical go live date, PEXA will grant API access to production.

Once the integrated solution has been launched, you may want to consider ongoing initiatives around user adoption to encourage your members to realise the benefits of the integrated solution. PEXA can assist with communication or marketing initiatives to help build user awareness around the new integration.

Contact PEXA

If you have any queries relating to the Development and Testing Instructions or if you would like PEXA assistance or support in any of the listed activities, please contact PEXA API Team via email, apisupport@pexa.com.au.