



Lab Connector Integration with iTero - Overview

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1 Introduction

Integration with Align allows labs have the [iTero](#) scans an integral part of their offices.

Labs can get iTero scans into their case manager/LMS, so they have all cases managed in one system.

This document refers to APIs V2. For V0/V1 please contact Professional Services
iTeroAPISupport@aligntech.com.

2 Available Generic API

2.1 Authentication and Pairing APIs

Name	Description	How and When to Use	Comments
Authorization	Provide Align's credentials to the system	Allow generic APIs to be used by registered users only	
Get Token	Get a token to be used for pairing	Token is required for pairing process	Two tokens are returned: access token and refresh token. Access token is used for the next steps
Refresh Token	Refresh a token that expired	Token expires after one hour and has to be refreshed to allow continues work	Refresh token should be passed to receive new access token
Revoke Token	Stop using a token	Similar to a log out operation	
Discovery	Receive Regional URL's for API calls	Before Get Available Companies for Pairing Before calls to Refresh Token	For more information about the Discovery API, please refer to the "Authentication and Pairing Process V2" specification.
Get Accounts for pairing	User gets a list of accounts available to pair to	User selects the account to pair to	
Pair	User pairs to a selected account	User will be able to work with orders that are related to the account he selected	A new set of tokens is provided
Un Pair	Pairing is terminated after this call	When user wishes to stop working with this account	

2.2 Lab Connector APIs

Name	Description	In more details	Comments
Get Orders	Returns list of orders that were sent to the Lab	Lab will get in the list new orders only. Orders that were downloaded will not be included in the list	
Scan notification (webhook)	A push mechanism to notify the clinic that a scan is ready	Allows Labs use a 'Push' mechanism in which a notification is sent with every scan that is ready.	Ready order is a scan that: <ul style="list-style-type: none"> • uploaded to Align's storage • Ready to be viewed in myitero portal • All artifacts are ready for download
Get Order By RxID	Returns order's metadata whose RxId is provided to the API	Returns the same metadata as in 'Get Orders' for one specific order with the provided RxID. User should use it when using the Scan Notification webhook. Scan notification is triggered when a scan is ready. The data received in the notification is RxID only.	
Download Order	Download scan artifacts for scan whose order ID is provided	Download a scan to DPMS. User can download all scan files or just 'thumbnails' for an order with the provided order ID	Full scan: <ul style="list-style-type: none"> • STL/PLY file • metadata • Thumbnails
Return to doctor	Return a scan to the doctor for re-scan	If the lab needs the doctor to re-scan a patient it can return the order to the doctor	

3 Lab Connector Flow

