



Release Notes

Version 2021.04 of the Logistics Portal includes integration with a new distribution center that will be handling kit ship, kit pickup, and fulfillment center orders for a specific customer. Also, updates were made to the existing distribution center APIs to support and improve their operations.

New Features

System Update	Description
New Distribution Center	Vivify added a new distribution center for handling fulfillment orders. The goal of this effort is to create an integration between Logistics Portal and the new distribution center so that information regarding requests for Kit Ship, Kit Pickup, Kit Device Replacement, and Fulfillment Orders for Kits can be communicated between the two systems. This will enable Vivify to send and receive information for kit shipment, delivery, and returns via the new distribution center.
Existing Distribution Center API Updates	Several updates were made to the existing distribution center APIs to support and improve their operations, including a new patient unique identifier for the Fulfillment API, updates to the Fulfillment Details API for retrieving the current and expected MOBI path, and updates for security permissions.
New UPS Carrier	The carrier UPS is now supported in the Logistics Portal. This carrier can be used for shipments and returns. The default carrier will still be FedEx. The UPS carrier option is available for both inbound and outbound.
Force Sync Update	On the Kit List page, the Force Sync functionality was updated to provide a better user experience.

New Distribution Center

In the Logistics Portal, a new distribution center was created so it can be auto assigned for kit pools when appropriate for a specific customer. In the process of setting up this new distribution center, several new APIs were created or updated. Security was setup to provide the API users edit permissions. Monitoring was setup to ensure consistent versioning and logs.

Existing users that don't have any logistics center assigned, which was previously used to allow access to all logistics centers, will now be assigned the previous fulfillment center by default. This will ensure that the new center is not assigned to an existing user when not appropriate. The option for All locations is not applied by default, and it is required for users to select a location.

Following are some features of the new distribution center functionality:

- In the first phase of integrating this new distribution center, the focus is on kit ship and reprocessing efforts. Kit Device Replacement and Device Fulfillment will not be sent automatically.
- The Kit Pool ID is used to identify orders that will go to the new distribution center. Also, when creating a new kit pool or editing a kit pool, a new Logistics Location Type list is available, so the appropriate the distribution center can be applied (see [Example](#)). A value is required for this list.
- The Patient Population ID is now included with device fulfillment order requests, so the value is captured from the Care Team Portal for use in the Logistics portal.
- When a cancel request is received from the new distribution center, a pickup order is automatically created in the Care Team Portal and Logistics Portal so that fulfillment order status is maintained accurately.
- The stargate URL was configured to work with Vivify servers so that communication with the new distribution center can be established for production release.

Example: New Kit Pool Window – Logistics Location Type

The screenshot shows a web form titled "New Kit Pool". It contains several sections: "Name" with a text input field; "Description" with a larger text area; "Logistics Options" with four checkboxes: "Ship To Customer", "Ship To Patient", "Pick Up from Patient", "Reprocessing", "Store for Customer", and "Auto Complete Kit Ship"; "Default Customer Location" with a dropdown menu; "Billing Account Number" with a text input field; "Sort Order" with a dropdown menu; "Expected Kit Mobi Path" with a dropdown menu; and a "Logistics Location Type" dropdown menu which is highlighted with a red box. At the bottom right, there are "Save" and "Cancel" buttons. At the bottom center, there are four checkboxes: "Default Pool", "Default Selected in Care Team Portal", "Ignore Sim Validation", and "Enable Request by Kit Type".

New Distribution Center APIs

New APIs were added to support inbound and outbound fulfillment with the new distribution center. APIs were added for device status, device receipt, and cancel requests. Also, security was setup to generate outbound security tokens. Inbound request logs were created and an outbound retry process was configured to control request timeouts and retries.

Specifically, the following new APIs were created for integration:

- Fulfillment Request API for Kit Ship (Outbound to Center) – This API sends fulfillment related data to the new distribution center when an order is created.
- Pick Slip Drop API (Inbound from Center) – This API allows the distribution center to mark a fulfillment order as In Progress.
- Device Linking API (Inbound from Center) – This API allows request information containing the kit number and devices to assign to the record to be received from the new distribution center during the kit ship process.
- Ship Confirm API – This API confirms that the kit has been shipped to the customer and confirms the details for the kit.

- Device Receipt API (Inbound from Center) – This API allows the distribution center to send receiving information for each device received during the kit pickup process.
- Device Status API (Inbound from Center) – This API is used for reprocessing. The Logistics Portal receives details each time the distribution center QAs a device and sets the condition.
- Cancel Request API (Outbound to Center) – This API sends data to the new distribution center when a kit ship order is canceled.

Existing Distribution Center API Updates

The following updates were made to the existing distribution center APIs to support and improve the team's operations:

- A patient unique identifier was added in the patient node of the Fulfillment Details API in order to allow the team to verify that installation and pickup are linked to the same individual.
- Fulfillment Details API was updated to be able to retrieve the current and expected MOBI Path configured for a specific kit pool, so the team can automate Kit and QA tasks related to moving the tablet in the correct MOBI folder.
- The Fulfillment API's was updated with security to permit the existing distribution center to only access their logistics centers (Indianapolis, Phoenix, Toronto) in the Logistics Portal.

New UPS Carrier

The carrier UPS is now supported in the Logistics Portal. This carrier can be used for shipments and returns. The default carrier will still be FedEx. The UPS carrier option is available for both inbound and outbound.

Example: Shipping > Ship Kit Page: Carrier UPS

The screenshot shows the 'Ship Kit' page in a web application. At the top, there are navigation tabs: Dashboard, Orders, Create Kits, Receiving, Reprocess, Shipping, and Fulfillment Orders (34). A warning banner at the top states: 'Warning: There are multiple ship requests for this kit.' Below this, the 'Ship Kit' form is displayed. The form includes fields for 'Kit ID' (111800), 'To Patient' (dropdown), 'Tracking Number', and 'Return Tracking Number'. A dropdown menu for carrier selection is open, showing options: '-- Carrier --', FedEx, USPS, Purolator, and UPS (highlighted in blue). Other form fields include Name (TEST_PATIENT_Test106_59), Attention (Attention), Country (Country), Address Line 1 (65478 Clemons Way), Address Line 2 (Address Line 2), State (NY), Zip Code (23667), City (Brownsville), Phone Number 2 (Phone Number), and Email (Email). At the bottom left, there are 'Ship' and 'cancel' buttons.

Example: Kit Ship Fulfillment Order Page: Carrier UPS

The screenshot shows the 'Kit Ship Fulfillment Order' page. At the top, there are navigation tabs: Dashboard, Orders, Create Kits, Receiving, Reprocess, Shipping, and Fulfillment Orders (34). The page title is 'Fulfillment: 37041 - Kit: 316058 - v202101'. There is a 'Back to list' link and an 'Actions' dropdown menu. The 'Status History' section shows a timeline: 'Ordered' (1/14/2021), 'In Progress' (3/5/2021), and 'Shipped' (3/5/2021). The 'Current Status' section shows 'Delivered to Patient' (3/5/2021) with a 'Called' button. The 'Record Information' section includes: Fulfillment Type: Kit Ship, Kit Pool: Kit Pool Default site, Kit Type: Kit Type 1, Kit Id: 316058, Logistics Center: Vivify Development, Contact Attempts: 0, and an 'Update Contact Attempts' button. The 'Agent' field is set to 'Assign Agent'. The 'Devices' section shows two devices: 'Tablet: Verizon Tab E (8 in 32gb)' (Serial Num: 358616091222829, Condition: Used) and 'SIM: VZ Consumer SIM' (Serial Num: 8914800004357136301, Condition: Used). The 'Ship To Address' section includes: Address: Frank, 7201 Bishop Rd, Plano, TX 75024, +1 (469)-555-0000, Language: English, Program: Vijaya, and a 'Track' button with the tracking number 'UPS - EZ4000000004'. The 'Kit Ship Date' section includes: Preferred Welcome Call Date: 1/19/2021, Morning (AM), and a 'Schedule' button.

Force Sync Update

On the Kit List page, the Force Sync functionality was updated to provide a better user experience. The Force Sync functionality syncs data between the Logistics Portal and Care Team Portal. The button was relocated to the **Actions** menu and renamed **Sync to CTP**. From the Actions menu, a single kit, a group of kits, or all kits can be synced. When **Sync** is selected, a confirmation window appears. After confirming, the sync is visible, so the user can review the data that was synced.

Example: Kit List Page – Sync to CTP

Vivify Health Logistics | Logistics | Devices | **Kits** | Customers | Reports | Billing | Users | Rules | igarcia | Log off | Help

Dashboard | Kit List | Storage

Customer = Vivify Dev - Version510 & status = stored | Clear Filter | Go!

2474 Kits

Kit	Status	Apk	Customer	Current Location	Tablet
113987	Stored		Vivify Dev - Version510	Vivify Development	Galaxy Tab A 8.4"(2020),32GB,(Verizon)
113956	Stored		Vivify Dev - Version510	Vivify Development	Verizon Tab E (8 in 32gb)
113954	Stored		Vivify Dev - Version510	Vivify Development	Verizon Tab E (8 in 32gb)
113942	Stored		Vivify Dev - Version510	Vivify Development	Generic Tablet
113887	Stored		Vivify Dev - Version510	Vivify Development	
113886	Stored		Vivify Dev - Version510	Indianapolis Logistics Center	WiFi Tab 3 (10.1 in)

Actions

- Add new kit
- Export Kits
- Update (4) kits
- Update ALL (2474) kits
- Sync to CTP (4) kits
- Sync ALL to CTP (2478) kits
- Kit Config Temp Password

Reports | Billing | Users | Rules

Sync Selected (4) Kits

Press Sync to confirm.

Cancel Sync

Example: Kit List Page – Sync All to CTP

Vivify Health Logistics | Logistics | Devices | **Kits** | Customers | Reports | Billing | Users | Rules | igarcia | Log off | Help

Dashboard | Kit List | Storage

Customer = Vivify Dev - Version510 | Clear Filter | Go!

2717 Kits

Kit	Status	Apk	Customer	Current Location	Tablet
113987	Stored		Vivify Dev - Version510	Vivify Development	Galaxy Tab A 8.4"(2020),32GB,(Verizon)
113956	Stored		Vivify Dev - Version510	Vivify Development	Verizon Tab E (8 in 32gb)
113954	Stored		Vivify Dev - Version510	Vivify Development	Verizon Tab E (8 in 32gb)
113953	Provisioning		Vivify Dev - Version510	Plano Logistics Center	Verizon Tab E (8 in 32gb)

Actions

- Add new kit
- Export Kits
- Update ALL (2717) kits
- Sync ALL to CTP (2717) kits
- Kit Config Temp Password

Reports | Billing | Users | Rules

Sync All (2717) Kits

***WARNING: You are attempting to sync over 100 kits. This process could take several minutes.**

Press Sync to confirm.

Cancel Sync

System Update

System Update	Description
VIVY-5593	On the Fulfillment Orders page, when using the Actions menu to cancel an order, the word cancel was appearing in an incorrect position and a cancel reason appeared to the right of the menu. These items were adjusted to appear in the expected position.
VIVY-5634	When a cancellation request came from the Care Team Portal, the cancel reason was not included as expected. The system was updated to include the cancel reason.
VIVY-5566	Some records were appearing multiple times in the Kit Sync report. The report was updated to not duplicate records.
VIVY-5557	Incoming device order tracking code updates from the Ascensia microservice were not updating the fulfillment record or sending tracker requests to the EasyPost microservice, despite the Ascensia microservice receiving a successful response from the request and no exceptions appearing. The fulfillment routing was updated, so the fulfillment record is updated and tracker requests are sent as expected.
VIVY-5625	When a ship order was canceled, the order was being changed to Canceled status twice. The system was updated to correctly process the cancel request only once.
VIVY-5150	The Kit Sync report logic was updated to display the statuses correctly. Some statuses that had different values in the Logistics Portal and Care Team Portal were not correct in the report.
VIVY-5336	When sending contact attempt information to the Care Team Portal, both message and count were not synced for device replacement orders. The information was updated to sync with the Care Team Portal as expected.
VIVY-5710	When the mobi path value for a kit was null instead of blank, refreshing the Kit Detail page was unsuccessful. The page was updated to refresh as expected.