



Manifest
MEDEX

MX Product Release Notes

MX Notify

Release Date: March 26, 2024

General Updates

- **Enhanced performance** – The load times of MX Notify messages have been reduced for all messages across all folder types (i.e., Inbox, Deleted, and Custom Folders). Opening messages and toggling between messages is now carried out instantly.

Note: Users will now see load bar whenever messages are loading prior to being displayed.

- **Duplicate folder name error** – An error message now displays if a user attempts to create a folder using a name that already exists. When creating a duplicate folder, a warning message will pop up, indicating: *“This folder name is already in use.”*

Improved UI/UX

- **What’s Changed (What’s been removed/replaced?)**

To provide MX Notify users with a more streamlined and simpler user experience and better align MX Notify to MX Access, the following enhancements have been made to the MX Notify Message toolbar:

KEY	Type Of Change	What Changed	Why
1	Label update	The Type dropdown label is now Event Type	This update is more descriptive.
2	Remove and replace	Filter by patient functionality has been removed and replaced by “Free Form Text Search”	“Free Form Text” allows users to search across all the same inputs as “Filter by Patient” from the existing toolbar without the drilldown/interaction.
3	Replace	The All patients button has been replaced by Clear Filter	With the addition of new filters, a dedicated “Clear Filter” button defaults the user back to seeing all patients.
4	Style update	Unread messages now appear with an “unread” envelope icon instead of being bolded	This follows convention for a traditional email tool.
5	Remove and replace	Removed click column header to sort, replaced with sort dropdown	This unifies all table management tools.

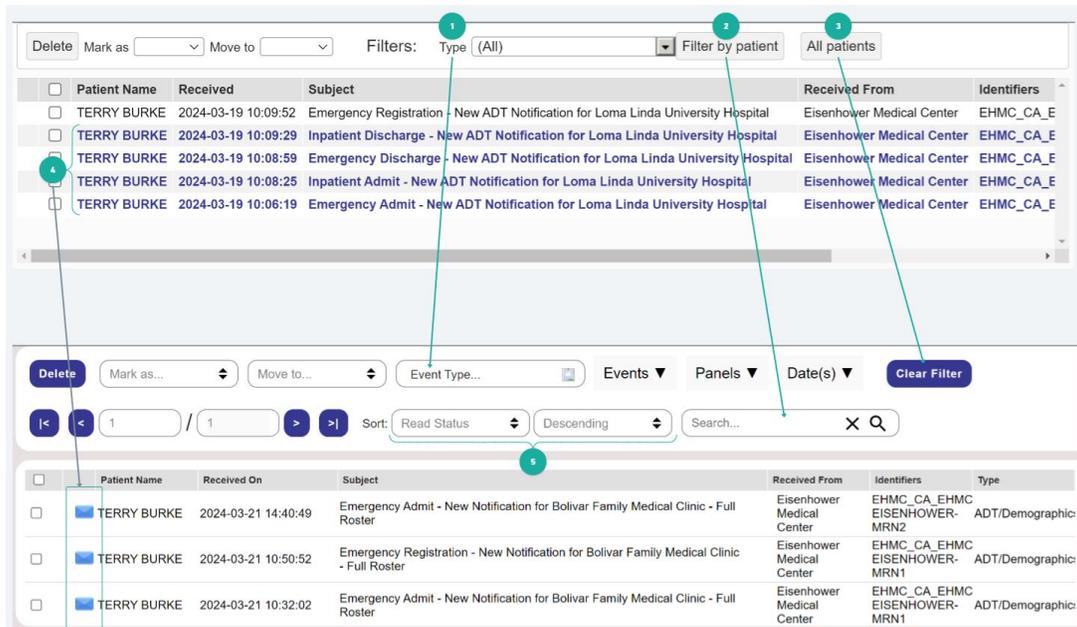


Figure 1: What's Changed

MX Notify Management Updates

Filtering

A new set of filters have been added so that users can use to pinpoint/filter down to certain messages based on the criteria presented within each filter. Users can select from the following filter categories:

1. Events

Users can filter messages by one or more events in the “Events” filter dropdown.

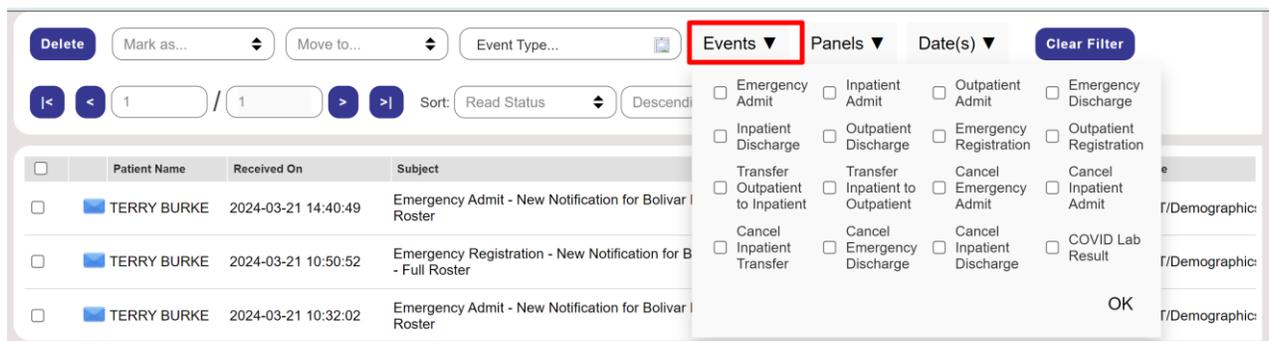


Figure 2: Events

2. Panels

Users can filter messages by one or more panels in the “Panels” filter dropdown.

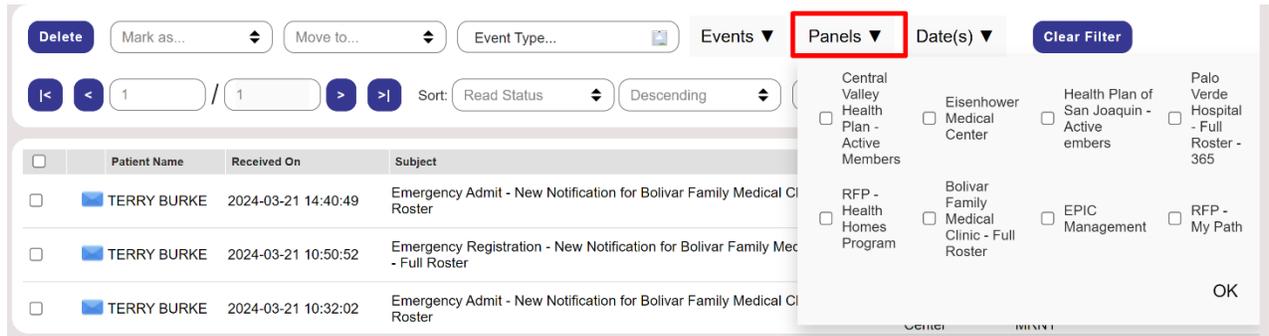


Figure 3: Panels

3. Date Selector

Users can now filter messages by date(s) with the “Date(s)” filter dropdown. Date(s) can be selected two ways:

- a. **Single date selection** – Users can click on one single date, then click **OK**.

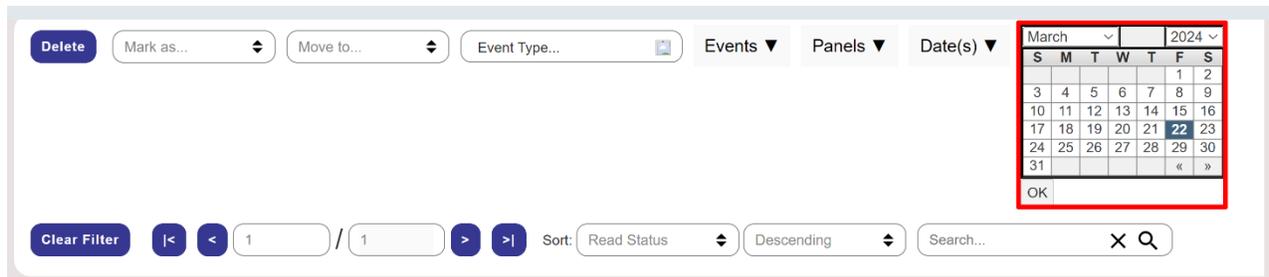


Figure 4: Individual Data Selection

- b. **Date Range** – Users can click on one individual day, then hold the SHIFT key to select last day of the range.
 - a. Once the user selects the second date, the range will be highlighted in dark blue within calendar. Press **OK** to submit the desired date range.

b. Search results that fall into the highlighted date range will be displayed.

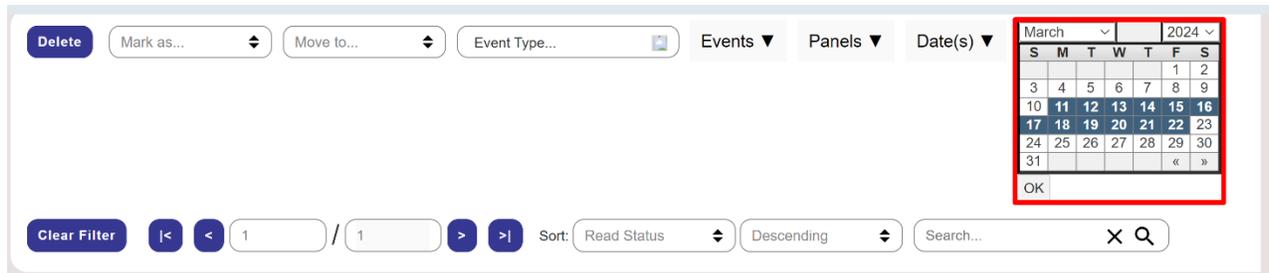


Figure 5: Data Range

Filtering Tips and Tricks

Some general pointers and helpful information users should be aware of when utilizing filter functionality:

1. Users should always press “Clear Filter” in between new searches or to default back to the full list of messages. This prevents previous filters from appearing in newly executed results sets, as well as allowing for a quick way to return to all messages.
2. Always press “OK” after selecting/unselecting filter criteria from each filter dropdown.
 - An unchecked filter will not be incorporated/processed as part of the search results until a user manually checks a filter and clicks “OK” in the bottom right corner of the filter selection box, therefore executing the search desired.
 - Filter-checkbox values (selections) will remain selected unless the user manually goes into each filter, unchecks each filter value, and clicks “OK.”

Note: Users can leverage the “Clear Filter” button to default back to all message without having to manually adjust any of the filter selections.

Pagination

Users now have access to a pagination control which will allow them to click through pages when needing to access additional messages unavailable in their initial view. Users may view up to 200 messages per page. Users can click back and forth between individual pages or use the  and  icons to immediately navigate to the first or last page.



Figure 6: Pagination

Sorting Controls

Users can now sort the search results by certain message categories within the MX Notify message table. This also includes the ability to sort the display direction of results. Messages can be sorted according to the following parameters (in both ascending and descending order.)

- **Read Status:** Whether the notification has been read or is unread
- **Patient Name:** The first or last name of the patient
- **Received On:** The date the notification was received
- **Received From:** The facility that sent the notification
- **Identifiers:** The patient/facility MRN from the facility that sent the notification
- **Event Type:** The type of notification (e.g., ADT/Demographics or Result)

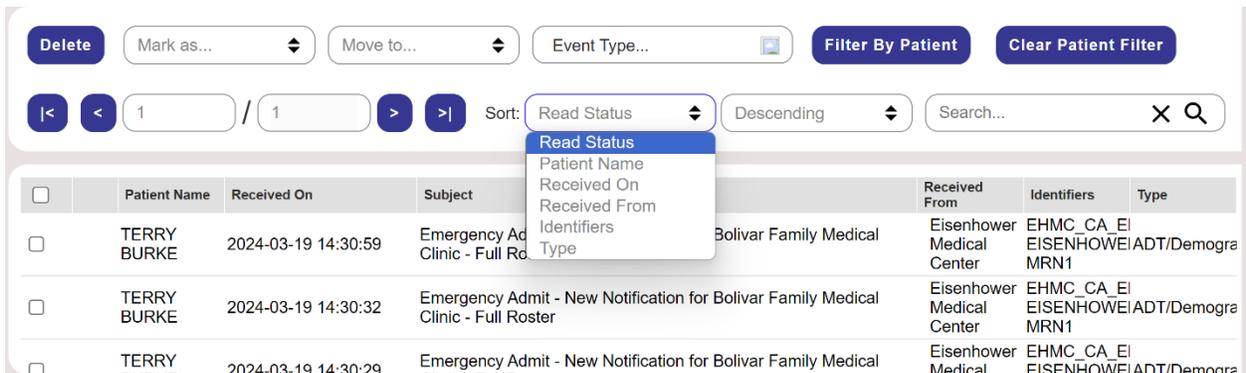


Figure 6: Sorting Controls

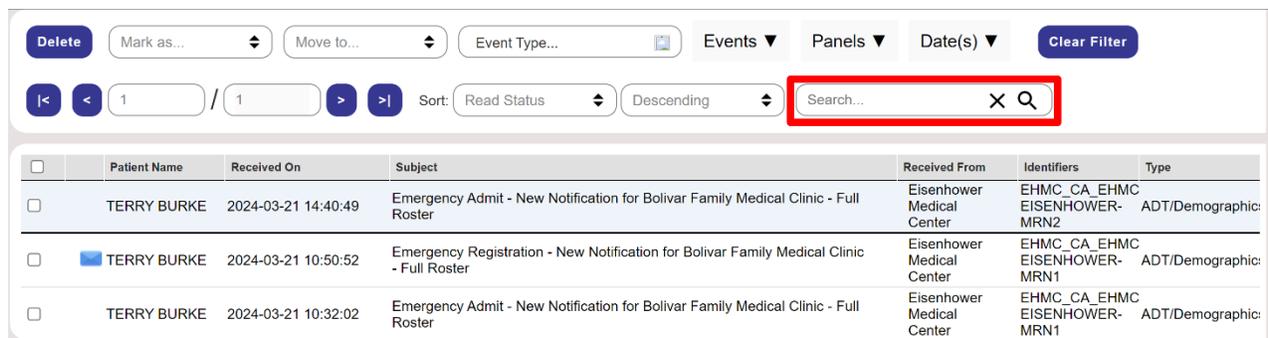


Figure 7: Sorting Controls

Free Form Text Search

A new search text box has been added to the controls at the top of the MX Notify table that allows text search across the following fields.

- **Assigned by:** The facility associated with the MRN
- **First Name:** The first name of the patient
- **Last Name:** The last name of the patient
- **MRN:** The MRN number associated with the patient
- **MPIID:** Additional patient identifier (master patient index ID)
- **Received From:** The facility that sent the notification
- **Subject:** Any text appearing in the subject line of the message



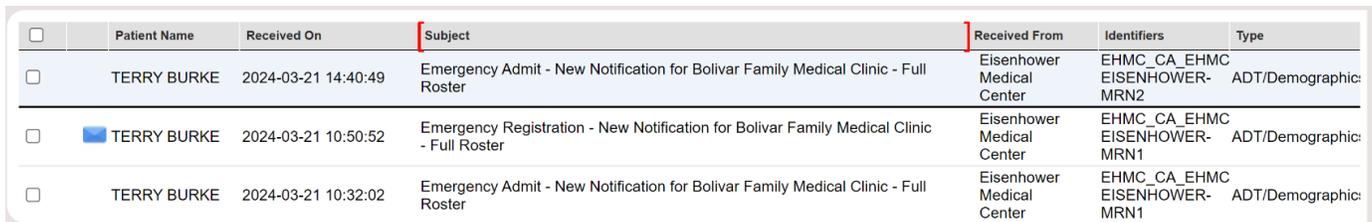
The screenshot shows the top control bar of the MX Notify table. A search bar with a magnifying glass icon is highlighted with a red box. Below the control bar is a table with the following data:

<input type="checkbox"/>	Patient Name	Received On	Subject	Received From	Identifiers	Type
<input type="checkbox"/>	TERRY BURKE	2024-03-21 14:40:49	Emergency Admit - New Notification for Bolivar Family Medical Clinic - Full Roster	Eisenhower Medical Center	EHMC_CA_EHMC EISENHOWER-MRN2	ADT/Demographic:
<input type="checkbox"/>	<input checked="" type="checkbox"/> TERRY BURKE	2024-03-21 10:50:52	Emergency Registration - New Notification for Bolivar Family Medical Clinic - Full Roster	Eisenhower Medical Center	EHMC_CA_EHMC EISENHOWER-MRN1	ADT/Demographic:
<input type="checkbox"/>	TERRY BURKE	2024-03-21 10:32:02	Emergency Admit - New Notification for Bolivar Family Medical Clinic - Full Roster	Eisenhower Medical Center	EHMC_CA_EHMC EISENHOWER-MRN1	ADT/Demographic:

Figure 8: Free Form Text Search

Subject Field Size

The width of the subject field column has been expanded to display the entire subject.



The screenshot shows the table with the subject field column expanded. The data is as follows:

<input type="checkbox"/>	Patient Name	Received On	Subject	Received From	Identifiers	Type
<input type="checkbox"/>	TERRY BURKE	2024-03-21 14:40:49	Emergency Admit - New Notification for Bolivar Family Medical Clinic - Full Roster	Eisenhower Medical Center	EHMC_CA_EHMC EISENHOWER-MRN2	ADT/Demographic:
<input type="checkbox"/>	<input checked="" type="checkbox"/> TERRY BURKE	2024-03-21 10:50:52	Emergency Registration - New Notification for Bolivar Family Medical Clinic - Full Roster	Eisenhower Medical Center	EHMC_CA_EHMC EISENHOWER-MRN1	ADT/Demographic:
<input type="checkbox"/>	TERRY BURKE	2024-03-21 10:32:02	Emergency Admit - New Notification for Bolivar Family Medical Clinic - Full Roster	Eisenhower Medical Center	EHMC_CA_EHMC EISENHOWER-MRN1	ADT/Demographic:

Figure 9: Subject Field Size

MX Notify Message Updates

Data Robustness (Display Updates)

All Allergies and Medications shown in the message summary are displayed in a group at the source MRN Level (Note: A note is displayed instructing the user to go to MX Access for more details)

- All allergies are tied to a specific MRN, and all allergies are displayed in the notification summary for that MRN only. Any new allergies sent with ADTs will be added above existing ones.
- Medications are tied to a specific MRN, and all medications are displayed in the notification for that MRN only. Any new medications sent with Pharmacy/Treatment Encoded Order (RDE) messages will be added above existing ones.

<input type="checkbox"/>	Patient Name	Received On	Subject	Received From	Identifiers	Type
<input type="checkbox"/>	TERRY BURKE	2024-03-19 14:30:59	Emergency Admit - New Notification for Bolivar Family Medical Clinic - Full Roster	Eisenhower Medical Center	EHMC_CA_EH EISENHOWEFADT/Demogr MRN1	
<input type="checkbox"/>	TERRY BURKE	2024-03-19 14:30:29	Emergency Admit - New Notification for Bolivar Family Medical Clinic - Full Roster	Eisenhower Medical Center	EHMC_CA_EH EISENHOWEFADT/Demogr MRN1	

TERRY BURKE	2024-03-19		135 MAIN ST ANYTOWN CA 95814
-------------	------------	--	------------------------------

Onset Date	Inactive Date	Allergen	Category	Last Updated At
2024-01-30		HYDROCODONE	DA	Eisenhower Medical Center
2024-01-30		ACETAMINOPHEN-CODEINE	DA	Eisenhower Medical Center
2023-11-15		Fish Containing Products	DA	Eisenhower Medical Center

Date	Medication	Form	Strength	Duration	Source
2024-03-14	LIDOCAINE (PF) 10 MG/ML (1%) INJECTION SOLUTION	70	1 mL	X1	Eisenhower Medical Center
2024-03-14	cyclobenzaprine hydrochloride - 1,064; 5.264g/56g; g/56g	81	10 mg	X1	Eisenhower Medical Center
2024-03-14	Aprepitant -	8	40 mg	X1	Eisenhower Medical Center

Figure 10: Data Robustness

- Encounter, Diagnosis and Lab Results are now displayed at the encounter level
 - All diagnoses are tied to an encounter number and will be displayed for that encounter only.

<input type="checkbox"/>	Patient Name	Received On	Subject	Received From	Identifiers	Type
<input type="checkbox"/>	TERRY BURKE	2024-03-19 14:30:59	Emergency Admit - New Notification for Bolivar Family Medical Clinic - Full Roster	Eisenhower Medical Center	EHMC_CA_EI EISENHOWEFADT/Demogr MRN1	
<input type="checkbox"/>	TERRY BURKE	2024-03-19 14:30:29	Emergency Admit - New Notification for Bolivar Family Medical Clinic - Full Roster	Eisenhower Medical Center	EHMC_CA_EI EISENHOWEFADT/Demogr MRN1	

Encounters							Diagnoses				
Start Date	End Date	Type	Facility	Reason	Clinician	Admission Type	Date	Description	Code	Type	Source
2023-11-28	2023-11-28	Emergency	Eisenhower Medical Center	Rash and other nonspecific skin eruption	NEEL KOTRAPPA	E	2023-11-28	Retention of urine, unspecified	R33.9	A	Eisenhower Medical Center
							2023-11-28	Benign prostatic hyperplasia without lower urinary tract symptoms	N40.0	A	Eisenhower Medical Center
							2023-11-28	Elevated prostate specific antigen [PSA]	R97.20	A	Eisenhower Medical Center

Laboratory Results			
Test	Date	Result	Source
(none)			

Figure 11: Data Robustness