

# **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 <i>Type</i> dropdown label is now <i>Event Type</i>	This update is more descriptive.
2	Remove and replace	<i>Filter by patient</i> 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 <i>All patients</i> button has been replaced by <i>Clear Filter</i>	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.



Delete	Mark as	✓ Move to	Filters: Type (All)     Filter by patient     All patients	
	Patient Name	Received	Subject Received From	Identifiers ^
	TERRY BURKE	2024-03-19 10:09:52	Emergency Registration New ADT Notification for Loma Linda University Hospital Eisenhower Medical Center	EHMC_CA_E
	TERRY BURKE	2024-03-19 10:09:29	Inpatient Discharge - New ADT Notification for Loma Linda University Hospital Eisenhower Medical Cente	EHMC_CA_E
	TERRY BURKE	2024-03-19 10:08:59	Emergency Discharge New ADT Notification for Loma Linda University Hospital Eisenhower Medical Cente	EHMC_CA_E
	TERRY BURKE	2024-03-19 10:08:25	Inpatient Admit - New ADT Notification for Loma Linda University Hospital Eisenhower Medical Cente	EHMC_CA_E
ф	TERRY BURKE	2024-03-19 10:06:19	Emergency Admit - New ADT Notification for Loma Linda University Hospital Eisenhower Medical Cente	EHMC CA E
				•
1				
Delet	Mark as	Move to	Event Type    Events ▼ Panels ▼ Date(s) ▼ Clear Filter	
<	< 1	)/(1)>	Sort: Read Status 🗢 Descending 🗢 Search 📩 🗙 Q	
-				
	Detient Nome	Resained On	5 Subject Reserved Reserved Identifierer	Turne
- Г	1 Patient Name	Received On	Subject Received From identifiers	Туре
	TERRY BURK	E 2024-03-21 14:40:4	Emergency Admit - New Notification for Bolivar Family Medical Clinic - Full Medical ElsENHOWER- Roster Center MRN2	ADT/Demograph
		E 2024-03-21 10:50:5	2 Emergency Registration - New Notification for Bolivar Family Medical Clinic Elisenhower EHMC_CA_EHM - Full Roster EINC	C ADT/Demograph
		E 2024-03-21 10:32:0	Emergency Admit - New Notification for Bolivar Family Medical Clinic - Full Eisenhower EHMC_CA_EHM Roster EISENHOWER-	C ADT/Demograph

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.

Dele	te Mark as	♦ Move to	<ul> <li>♦ Event Type</li> <li>Events ▼</li> </ul>	Panels ▼	Date(s) ▼	Clear Filter
K	< 1		Sort: Read Status	Central Valley Health Plan - Active	Eisenhower Medical Center	Health Plan of Verde San Joaquin - □ Hospital Active Roster - Roster -
	Patient Name	Received On	Subject	Members		365
	TERRY BURKE	2024-03-21 14:40:49	Emergency Admit - New Notification for Bolivar Family Medical C Roster	RFP -	Bolivar Family Medical	EPIC RFP -
	TERRY BURKE	2024-03-21 10:50:52	Emergency Registration - New Notification for Bolivar Family Mer - Full Roster	c Program	Clinic - Full Roster	манауеттент му гал
	TERRY BURKE	2024-03-21 10:32:02	Emergency Admit - New Notification for Bolivar Family Medical C Roster	1	Genter IVI	OK

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.

Delete Mark as 🗢	Move to 🗢	Event Typ	pe 🔯	Events V	Panels ▼	Date(s) ▼	Ma S	rch M	T	Ŵ	_ [	2024 F	s s
												1	2
							3	4	5	6	7	8	9
							10	11	12	13	14	15	16
							17	18	19	20	21	22	23
							24	25	26	27	28	29	30
							31					«	»
							ОК		_	_			
Clear Filter			Sort: Read Status	Desce	nding 🗢	Search				×	٩	)	



- 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 <sup>(s)</sup> and <sup>(s)</sup> icons to immediately navigate to the first or last page.







# **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)

Delete	Mark as	♦ Move to		Event Type	Filter By Pa	atient C	lear Patient F	ilter
	1		> Sort:	Read Status 🖨	Descending 🗢	Search		xQ
				Patient Name				
	Patient Name	Received On	Subject	Received On Received From		Received From	Identifiers	Туре
	TERRY BURKE	2024-03-19 14:30:59	Emergency Ad Clinic - Full Ro	Identifiers Type	Bolivar Family Medical	Eisenhower Medical Center	EHMC_CA_E EISENHOWE MRN1	  ADT/Demogra
	TERRY BURKE	2024-03-19 14:30:32	Emergency Ad Clinic - Full Ro	mit - New Notification for ster	Bolivar Family Medical	Eisenhower Medical Center	EHMC_CA_E EISENHOWE MRN1	l ADT/Demogra
Π	TERRY	2024-03-19 14:30:29	Emergency Ad	mit - New Notification for	Bolivar Family Medical	Eisenhower Medical	EHMC_CA_E	ADT/Demogra

#### 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

Dele	Mark as	<ul> <li>Move to</li> </ul>	<ul> <li>Èvent Type</li> <li>Events ▼ Panels ▼</li> </ul>	Date(s) ▼	Clear Filter	
K	< 1		Sort: Read Status	×	۹	
	Patient Name	Received On	Subject	Received From	Identifiers	Туре
	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:
	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:
	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.

Patient Name	Received On	Subject	Received From	Identifiers	Туре
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:
KERRY 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:
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.

	Patient	Name	Received On	Subje	ct				Received From	Identifie	ers Ty	уре
	TERRY	TERRY 2024-03-19 14:30:59 BURKE		14:30:59 Emergency Admit - New Notification for Bolivar Family Medical Clinic - Full Roster					Eisenhowe Medical Center	EISEN EISEN MRN1	r EHMC_CA_EF EISENHOWEFADT/D MRN1	
	TERR) BURKE	r E	2024-03-19 14:30:2	9 Emerç Clinic	gency Admit - Ne - Full Roster	ew Notifica	ation for Bolivar Family Medical		Eisenhowe Medical Center	er EHMC EISEN MRN1	_CA_Eł HOWEFAI	DT/De
				. 🕅					135 MA ANYTO	IN ST WN CA 958	314	
llergie	es - View	Patient	t in MX Access for f	ull report		Medica	tions - View Patient in MX A	ccess	for full rep	oort		
Illergie Onset	es - View I	Patient	in MX Access for f	ull report	Last	Medica Date	tions - View Patient in MX A Medication	ccess f	for full rep Strength	oort Duration	Source	
Illergie Onset Date 2024- 01-30	es - View I Inactive Date	Patient Allerg HYDR	t in MX Access for f Ien ROCODONE	Category	Last Updated At Eisenhower Medical Center	<b>Medica</b> <b>Date</b> 2024- 03-14	tions - View Patient in MX A Medication LIDOCAINE (PF) 10 MG/ML (1 %) INJECTION SOLUTION	Form	for full rep Strength 1 mL	Duration	Source Eisenhow Medical Center	ver
<b>Illergie</b> <b>Onset</b> <b>Date</b> 2024- 01-30 2024- 01-30	es - View Inactive Date	Allerg HYDR ACET. CODE	t in MX Access for 1 Ien ROCODONE AMINOPHEN- IINE	Category DA DA	Last Updated At Eisenhower Medical Center Eisenhower Medical	Medica Date 2024- 03-14 2024- 03-14	tions - View Patient in MX A Medication LIDOCAINE (PF) 10 MG/ML (1 %) INJECTION SOLUTION cyclobenzaprine hydrochloride - 1.064; 5.264g/56g; g/56g	Form 70 81	for full rep Strength 1 mL 10 mg	Duration X1 X1	Source Eisenhow Medical Center Eisenhow Medical Center	ver

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.

	Р	atient Name	Received On		Subject				Received From	lde	entifiers	Туре
	TI B	ERRY JRKE	2024-03-19 1	4:30:59	Emergency / Clinic - Full F	Admit - New I Roster	Notification	for Bolivar Family Medical	Eisenhowe Medical Center	er E⊢ El% MF	IMC_CA_EH SENHOWEF RN1	ADT/Demo
	TI B	ERRY JRKE	2024-03-19 1	4:30:29	Emergency / Clinic - Full F	Admit - New N Roster	Notification	for Bolivar Family Medical	Eisenhowe Medical Center	er EH EIS MF	IMC_CA_EH SENHOWEF RN1	ADT/Demo
Encou	unters						Diagnos	ses				ſ
Start	End	Туре	Facility	Reason	Clinician	Admission	Date	Description	Code	Туре	Source	
2023-	2023	Emergency	Eisenhower	Rash and	NEEL	Е	2023- 11-28	Retention of urine, unspecified	R33.9	A	Eisenhowe Medical Ce	er enter
11-28	11-28		Medical Center	other nonspecific skin eruption	KOTRAPPA		2023- 11-28	Benign prostatic hyperplasia without lower urinary tract symptoms	N40.0	A	Eisenhowe Medical Ce	enter
							2023- 11-28	Elevated prostate specific antigen [PSA]	R97.20	A	Eisenhowe Medical Ce	er enter
Labora	atory F	esults										
Test			Date	•		Result					Source	e
(none)												

Figure 11: Data Robustness