

# Quick Guide for Data Exchange Check Status Feature

## Monitoring Data Quality for Data Exchange Power and Quality Assurance Users

Revised: 11/2017

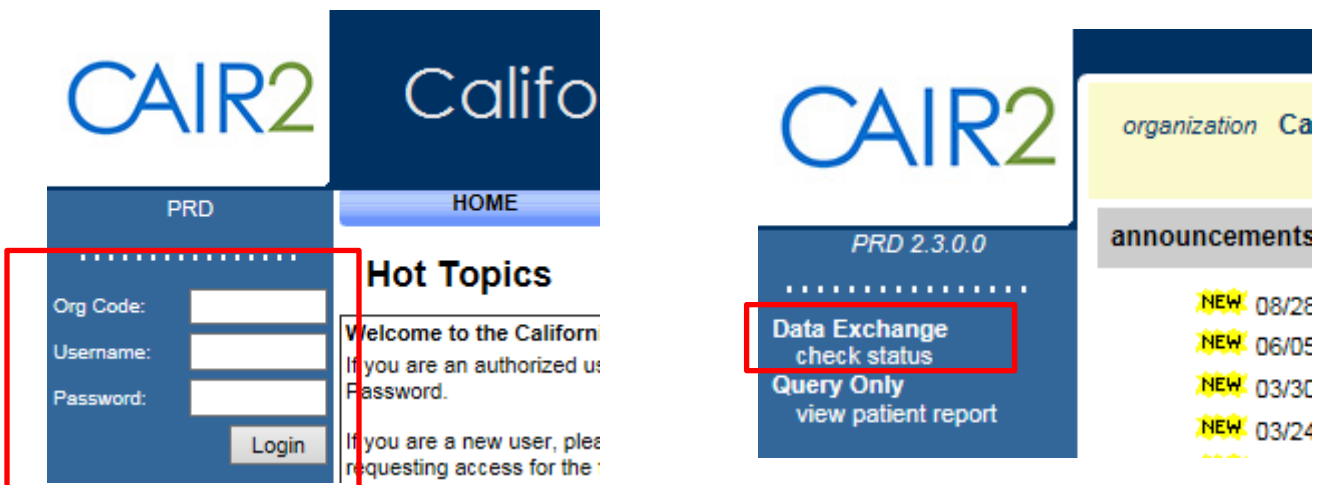
**IMPORTANT NOTE:** This Quick Guide only describes how to log into CAIR2 and review the Check Status feature. The Check Status feature allows a clinic to monitor ongoing Data Exchange activity. For a short video about the features on this screen please go to <http://cairweb.org/cair2-training-resources/> and view the *Monitoring Data Quality for DX Power and DX QA Users* under Data Exchange Monitoring Training Videos.

### Step 1: Log into CAIR2

- Go to <https://cair.cdph.ca.gov>
- Enter your **Org Code (Provider ID), Username, and Password** and click the **Login** button.

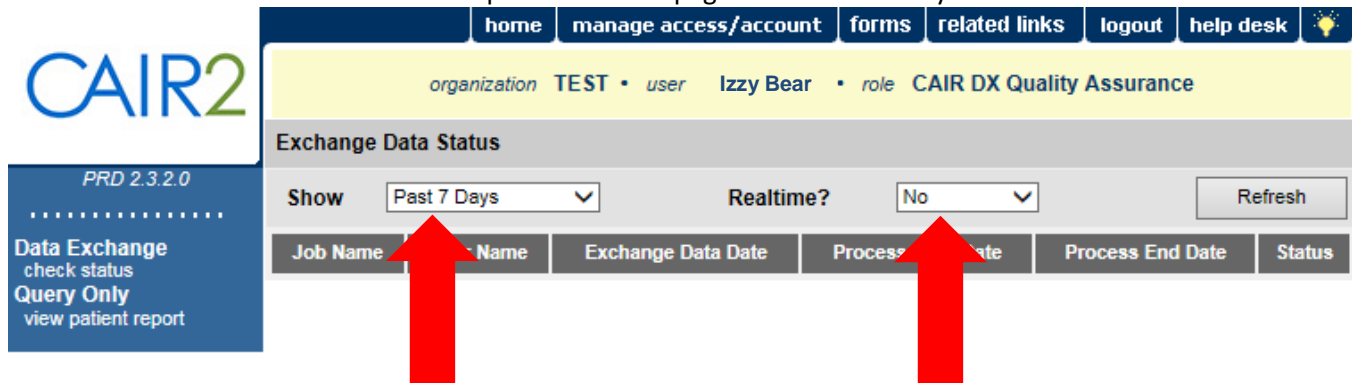
### Step 2: Go to the Check Status Screen

- On the Home screen, click the 'Check Status' link.



### Step 3: Define Search Criteria

- From the 'Show' dropdown, choose over what period you would like to review recent messages.
- Choose 'Yes' from the 'Realtime?' dropdown and the page will automatically refresh.



## Step 4: Review Incoming HL7 Messages

- The Job Name lists each message received by CAIR2 from your Site during the period shown.
- The status of messages that have hyperlinks (COMPLETE/ERROR) can be viewed by clicking on the Job Name.

Job Name	User Name	Exchange Data Date	Process Start Date	Process End Date	Status
<a href="#">Realtime 07/28/2016 02:58:18</a>	real time	07/28/2016 14:58:18	07/28/2016 14:58:18	07/28/2016 14:58:18	COMPLETE
<a href="#">Realtime 07/28/2016 02:54:08</a>	real time	07/28/2016 14:54:08	07/28/2016 14:54:08	07/28/2016 14:54:09	ERROR
Realtime 07/28/2016 02:47:19	real time	07/28/2016 14:47:19	07/28/2016 14:47:19		PROCESSING
<a href="#">Realtime 07/28/2016 09:24:16</a>	real time	07/28/2016 09:24:16	07/28/2016 09:24:16	07/28/2016 09:24:18	COMPLETE
Realtime 07/26/2016 02:52:29	real time	07/26/2016 14:52:29	07/26/2016 14:52:29		PROCESSING
<a href="#">Realtime 07/26/2016 02:05:56</a>	real time	07/26/2016 14:05:56	07/26/2016 14:05:56	07/26/2016 14:05:56	ERROR
<a href="#">Realtime 07/26/2016 01:32:36</a>	real time	07/26/2016 13:32:36	07/26/2016 13:32:36	07/26/2016 13:32:37	COMPLETE

## Step 5: Review Individual HL7 Messages

- Both the submitted HL7 VXU message ('Inbound HL7 251 File') and the HL7 ACK ('HL7 251 Response') sent back to the submitter can be viewed.
- The Summary Information table details whether the patient record has been updated and what information was added or updated.

Download Files for: Realtime 07/28/2016 02:58:18

[HL7 251 Response](#) ( 1KB )

[Inbound HL7 251 File](#) ( 1KB )

Download Log for: Realtime 07/28/2016 02:58:18

File	User Name	Download Date
Inbound HL7 251 File		08/03/2016 13:42:26
Inbound HL7 251 File		08/03/2016 13:42:34
HL7 251 Response		08/03/2016 13:42:23

Summary Information for: Realtime 07/28/2016 02:58:18

Description	Patient	Immunization	Comment	Event	TBTest
Processed	1	1	0	0	0
Accepted	1	1	0	0	0
New	0	1	0	0	0
Updated	1	0	0	0	0
Deleted	-	0	-	-	-
Already in CAIR IIS	0	0	0	0	0
Rejected	0	0	0	0	0
Pending	0	0	0	0	0
Unprocessed (patient rejected)	-	0	0	0	0
Inventory Updated	0	0	0	0	0
Inventory Not Updated	0	1	0	0	0

## Step 6: Review Individual HL7 Message Details

- Click on the HL7 VXU message ('Inbound HL7 251 File') and the HL7 ACK ('HL7 251 Response') to view details.

### EXAMPLE HL7 VXU MESSAGE ('Inbound HL7 251 File')

```
MSH|^~\&|MyEMR|DE-000001|CAIRLO|20160630||VXU^V04^VXU_V04|CA0001|P|2.5.1|||ER|AL|||Z22^CDCPHINVS|DE-000001
PID|1||PA123456^^^MYEMR^MR||JONES^GEORGE^M^JR^^L|MILLER^MARTHA^G^^M|20140227|M||2106-3^WHITE^CDCREC|
1234 W FIRST ST^^BEVERLY HILLS^CA^90210^^H||^PRN^PH^^555^555555||ENG^English^HL70296|||2186-5^ not Hispanic or
Latino^CDCREC||Y|2
PD1|||02^REMINDER/RECALL - ANY METHOD^HL70215|N|20140730||A|20140730|
NK1|1|JONES^MARTHA^^^L|MTH^MOTHER^HL70063|1234 W FIRST ST^^BEVERLY
HILLS^CA^90210^^H|^PRN^PH^^555^555555|
ORC|RE||197023^CMC|||^Clark^Dave|^Smith^Janet^^^^^^L^^^^^^MD |||
RXA|0|1|20140730||08^HEPB-PEDIATRIC/ADOLESCENT^CVX|.5|mL^mL^UCUM||00^NEW IMMUNIZATION
RECORD^NIP001|1245319599^Smith^Janet^^^^^^CMS^^^NP|^^^^^^MD|^DE-
000001|||0039F|20200531|MSD^MERCK^MVX||CP|A
RXR|C28161^INTRAMUSCULAR^NCIT|LA^LEFT ARM^HL70163
OBX|1|CE|64994-7^Vaccine funding program eligibility category^LN|1|V03^VFC eligibility -
Uninsured^HL70064|||F||20110701140500
```

### EXAMPLE ACK MESSAGES GENERATED BY CAIR2 ('HL7 251 Response')

#### VALID MESSAGE

```
MSH|^~\&|CAIR IIS|CAIRIIS||UATPRNT|20160630||ACK^V04^ACK|TEST1|P|2.5.1|||CAIR IIS|UATPRNT
MSA|AA|1791129
```

#### WARNING (Informational)

```
MSH|^~\&|CAIR IIS|CAIRIIS||UATPRNT|20160630||ACK^V04^ACK|TEST1|P|2.5.1|||CAIR IIS|UATPRNT
MSA|AE|1791129
```

```
ERR||RXA^1^10^1^13|0^Message accepted^HL70357|W|5^Table value not
found^HL70533|||Informational error - No value was entered for RXA-10.13
```

If the message displays errors, please contact your EMR vendor for assistance.

#### ERROR (Message Rejected)

```
MSH|^~\&|CAIR IIS|CAIRIIS||UATPRNT|20160630||ACK^V04^ACK|TEST1|P|2.5.1|||CAIR IIS|UATPRNT
MSA|AE|1791129
```

```
ERR||PID^1^3^0|101^Required field missing^HL70357|E|6^Required observation
missing^HL70533|||MESSAGE REJECTED - REQUIRED FIELD PID-3-5 MISSING
```

#### APPLICATION REJECTION

```
MSH|^~\&|CAIR IIS|CAIRIIS||UATPRNT|20160630||ACK^V04^ACK|TEST1|P|2.5.1|||CAIR IIS|UATPRNT
MSA|AR|1791129
```

```
ERR||MSH^1^11|202^Unsupported processing ID^HL70357|E|4^Invalid value^HL70533|||MESSAGE
REJECTED. INVALID PROCESSING ID. MUST BE 'P'
```

### FOR ADDITIONAL SUPPORT

#### CAIR Data Exchange

Hours: Monday - Friday 8:00AM - 5:00PM

Phone: 800-578-7889 (Choose option for Data Exchange)

Fax: 888-436-8320

Email: [CAIRDataExchange@cdph.ca.gov](mailto:CAIRDataExchange@cdph.ca.gov)

CAIR Website: [www.cairweb.org](http://www.cairweb.org)