

20.03. Cold Chain App Notifications



This functionality is only available in v5.01 and above.

If you have the `}} ^ Server parameter ^ Description ^ |Log level | 0: No logging, 1: Log only 500 responses, 2: Log all responses, 3: Log all responses and requests.` These server parameters must be set up before turning on the alternate server (contact mSupply Support if you need help setting this up!) Once the server is turned on, the parameters cannot be edited. If you would like this server to start up every time mSupply is started, turn on the preference "Start web server on this computer when mSupply starts". The default `//HTTP Port number//` is 8081 and must be different from the port number used by the mSupply server set on the `//Server//` tab (see the [\[\[preferences:general#server_tab|16.01. General preferences](#) page for details). If you inadvertently try to set both servers to the same port, mSupply will warn you and prevent you from saving your settings.

2. Set up store user credentials

To match an mSupply desktop store to the ColdChain app on a tablet, you need to set up the store's credentials in the store settings. See the [25.08. Virtual stores](#) page for details on doing that.

Viewing sensors and assigning locations

To see all sensors used in the system, choose *Items > Vaccines > Sensors* from the menus. This window will open, showing you a list of each sensor and whether it is active:

- **View location button:** When clicked, will open a window containing the details of the location the sensor is assigned to.
- **Set location button:** When clicked, will open a new window showing you all the locations in your store that do not have a sensor allocated to them already. Select one by double-clicking on it. This is not reversible so be careful!
 - When a location has been assigned the button's label will change to *Unassign location*. Clicking it then will remove the location from the sensor.

Viewing sensor temperature logs

Choose *Item > Vaccines > Temperature logs...* from the menus and a window showing you the temperature logs for all locations assigned to sensors in the system will open:

The screenshot shows a window titled "Temperature logs...". At the top left, there are fields for "Location" (set to "General location") and "Sensor" (set to "General Sensor One"). To the right, there is a section "Show location temperatures between" with "From" (1/01/00), "To" (10/02/21), and "All time" (with a refresh icon). Below this is a table with four columns: "Date", "Time", "Temperature", and "Temperature breach". The table contains 20 rows of data for the date 4/01/20, with times ranging from 18:00:00 to 19:35:00. The "Temperature" column shows values ranging from -5 to 35. The "Temperature breach" column contains "Hot Consecutive" for several rows and is empty for others. An "OK" button is located at the bottom right of the window.

| Date | Time | Temperature | Temperature breach |
|---------|----------|-------------|--------------------|
| 4/01/20 | 19:35:00 | -5 | |
| 4/01/20 | 19:30:00 | -2 | |
| 4/01/20 | 19:25:00 | 3 | |
| 4/01/20 | 19:20:00 | -3 | |
| 4/01/20 | 19:15:00 | -2 | |
| 4/01/20 | 19:10:00 | 2 | |
| 4/01/20 | 19:05:00 | 23 | Hot Consecutive |
| 4/01/20 | 19:00:00 | 35 | Hot Consecutive |
| 4/01/20 | 18:55:00 | 8 | Hot Consecutive |
| 4/01/20 | 18:50:00 | 35 | Hot Consecutive |
| 4/01/20 | 18:45:00 | 16 | Hot Consecutive |
| 4/01/20 | 18:40:00 | 16 | Hot Consecutive |
| 4/01/20 | 18:35:00 | 27 | Hot Consecutive |
| 4/01/20 | 18:30:00 | 20 | Hot Consecutive |
| 4/01/20 | 18:25:00 | 20 | Hot Consecutive |
| 4/01/20 | 18:20:00 | 23 | Hot Consecutive |
| 4/01/20 | 18:15:00 | 21 | Hot Consecutive |
| 4/01/20 | 18:10:00 | -3 | |
| 4/01/20 | 18:05:00 | -4 | |
| 4/01/20 | 18:00:00 | 2 | |

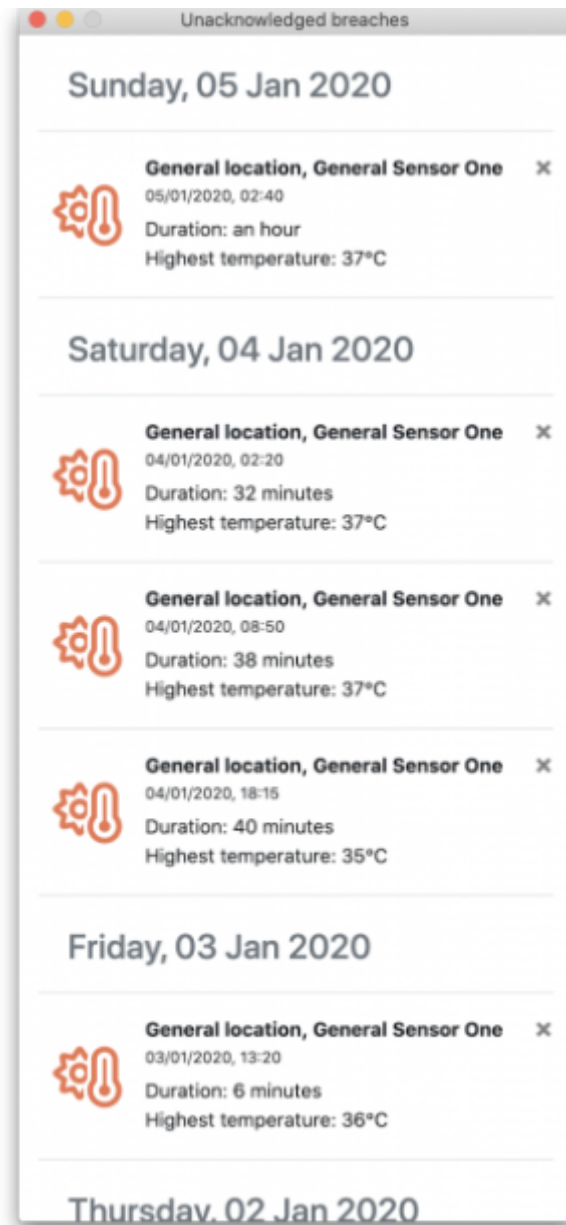
The **Temperature breach** column will contain a description of the breach (e.g. *Hot Consecutive* or *Cold consecutive*) if the log represents a breach, otherwise the column will be empty. So an empty column is good news!

Use the filters in the top right to filter the logs by date.

Use the **Location** field in the top left to filter by location. Type the first few character's of the location's code and press the *Tab* key on the keyboard to select the location to view logs for from the list of all locations that have a sensor assigned and have a code starting with what you typed. Double-click a location to select it and the logs for the sensor attached to that location only will be displayed in the list.

Viewing breach notifications

Once the ColdChain app is set up with mSupply desktop as above, you will start receiving notifications about any **unacknowledged** temperature breaches:



This window will open automatically on startup or when mSupply receives data from the tablet, and show up to the right of your mSupply Desktop app.

You can remove a single notification by clicking on its close button or you can close the entire window. This does not change any notification's state to acknowledged - you can only acknowledge notifications (breaches) in the ColdChain app itself.

The notification window will show the sensor's location and name, the date, time, and duration of the breach, and whether it was a cold or hot consecutive breach by displaying the "Lowest" or "Highest" temperature respectively.

Previous: **20.01. Vaccine Vial Monitoring (VVM)** | | Next: **21. Assets**

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Permanent link:
https://docs.msupply.org.nz/cold_chain_equipment:configure_coldchain_app_on_desktop?rev=1692070910

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