19.02. Cold Chain App Notifications

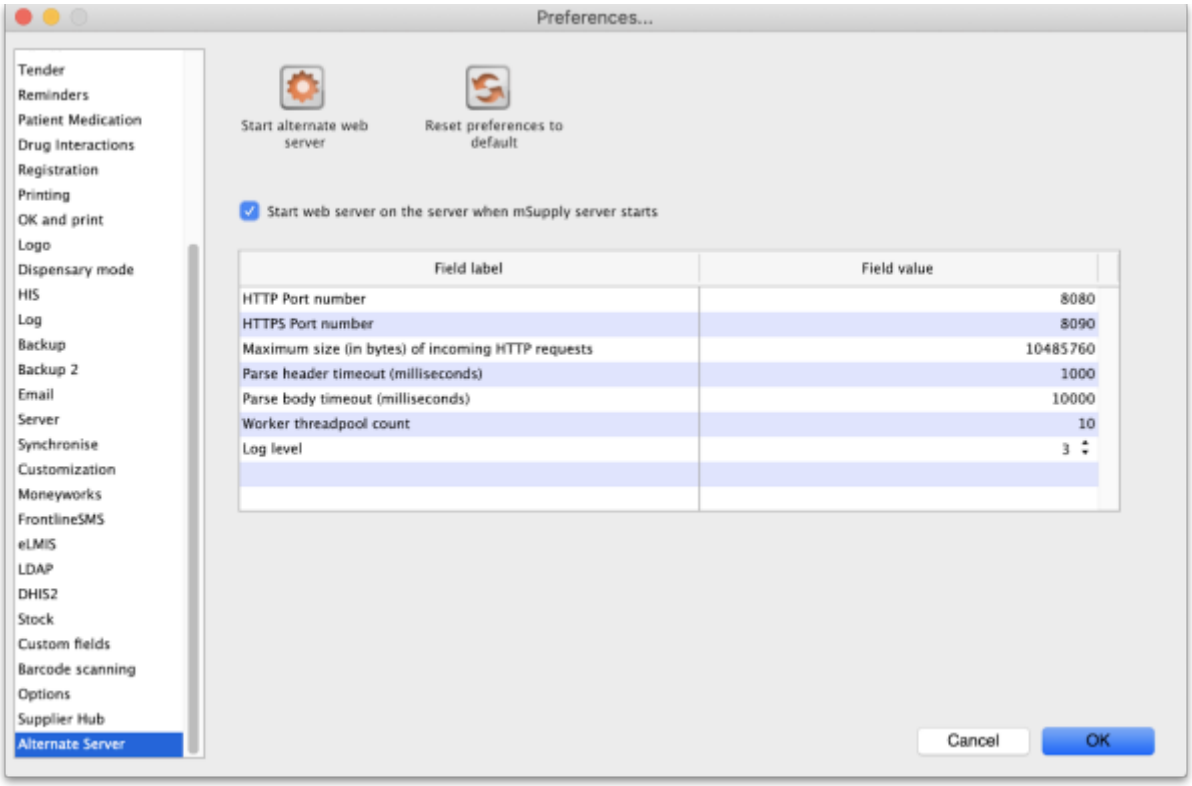
This functionality is only available in v5.1 and above.

If you have the mSupply ColdChain app, you can set up mSupply desktop to show notifications from the app, so you can keep an eye on your cold stores while sitting at your desk. mSupply will show a temperature log for each sensor, alert you to any hot or cold breaches, and allow you to change the stock location a sensor is monitoring.

Setting up

1. Turn on the Alternate Server

mSupply uses the Alternate Server to receive data from the ColdChain app. To turn this on, go to *File > Preferences* and click on the *Alternate Server* tab:



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.

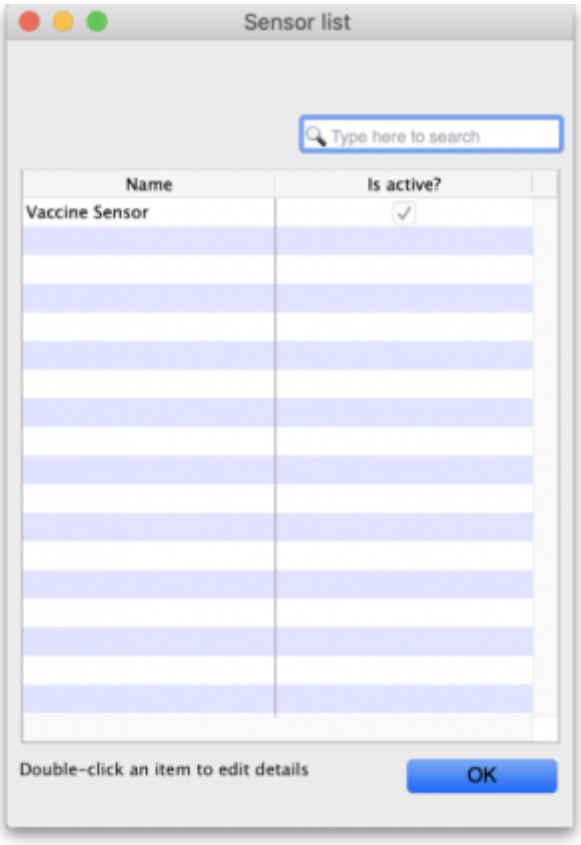
If you would like this server to start up every time mSupply is started, turn on the preference “Start web server on this computer when mSupply starts”.

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:



Double click the sensor name to view the sensor's details. This window will open:

If the sensor belongs to the store you are logged in to, you can change the active state of the sensor and assign a new location to it. If the sensor is located in a different store, all the details will be read-only.

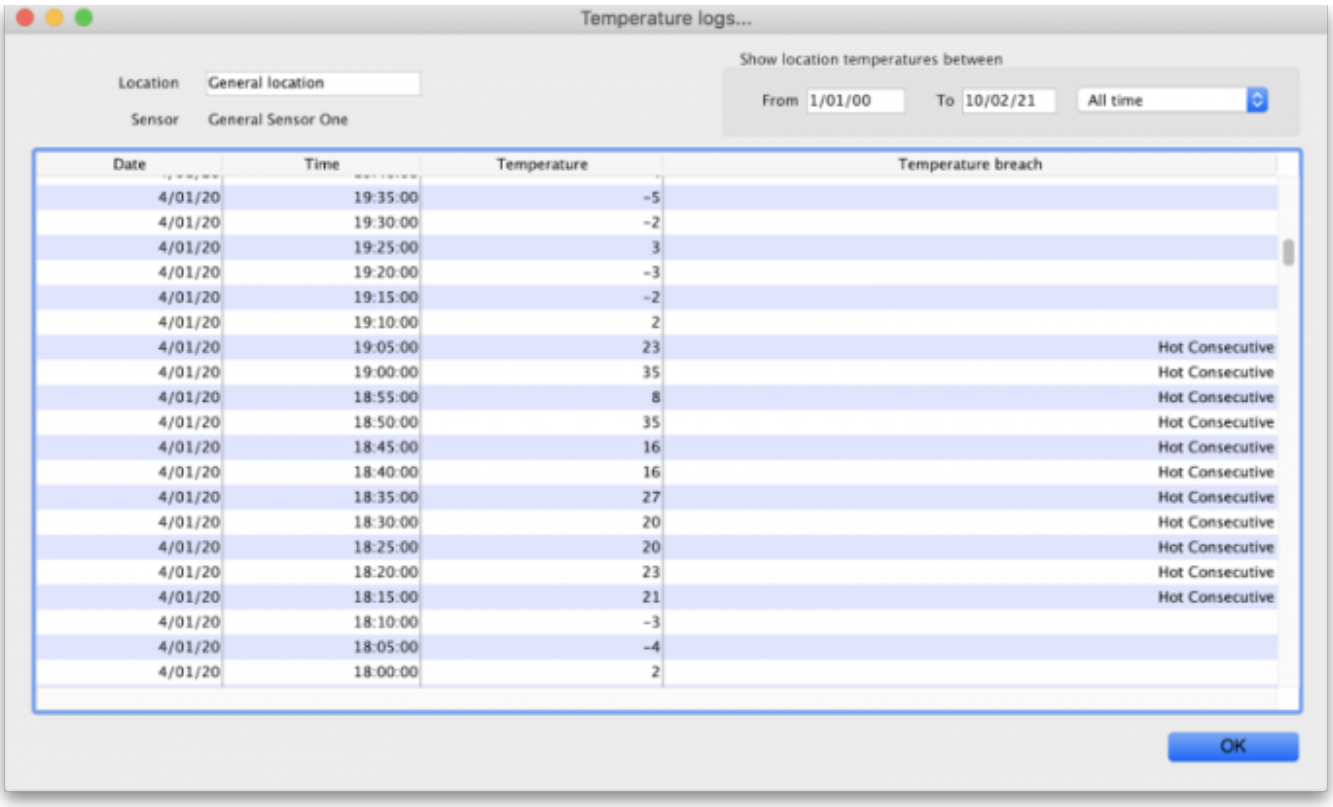
- **Is active? checkbox:** If checked the sensor's readings are recorded and usable in the system. If unchecked, the sensor is ignored.
- **View location button:** When clicked, will open a window containing the details of the location the sensor is assigned to.
- **Set location button:** When clicked, 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!

Viewing sensor temperature logs

The temperature log window (accessed through the menu bar Item > Vaccines > Temperature logs...)shows all temperature logs for all sensors in the system/

Any breaches associated with the temperature logs they will be shown in the last columnm, with the text showing “Hot Consecutive” or “Cold consecutive” depending on the type of breach. For logs where there was no breach, this column will be left empty.

You can filter the logs by date in the top right section, and filter by location in the top left. To change the location you are viewing, follow the usual rules of location input windows - put cursor in the location input window, enter “@” and click “tab”. This will open a window showing all the available locations that have a sensor assigned.

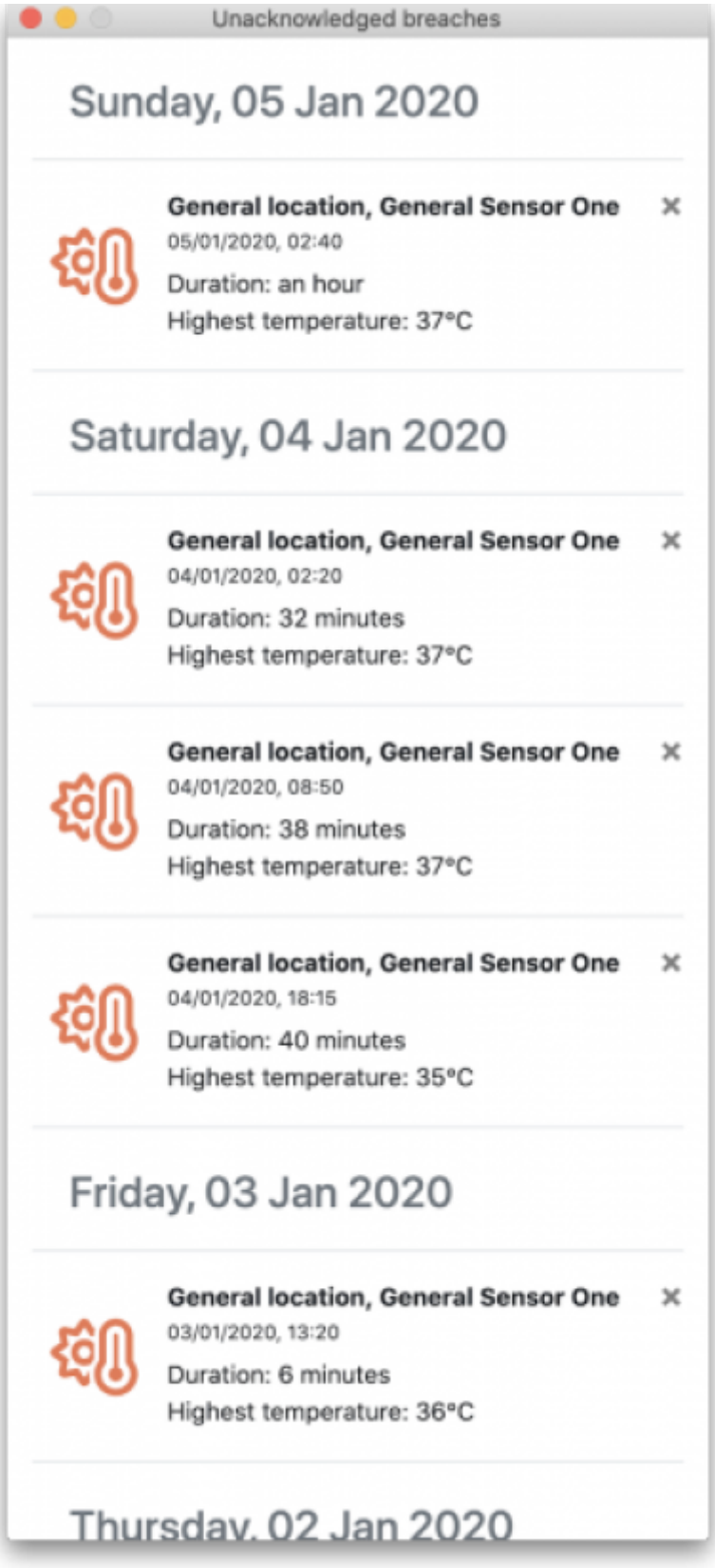


Viewing breach notifications

Once the ColdChain app is set up with mSupply desktop, 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 close each notification by clicking the close button to remove each notification individually, or you can close the entire window. This is only a notification, so closing it will not change the breach's state to acknowledged - you can only acknowledge 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:* ***21.01. Assets setup***

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Permanent link:
https://docs.msupply.org.nz/cold_chain_equipment:configure_coldchain_app_on_desktop?rev=1620379100

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