

# Selfly ReFill App

by Stora Enso



Selfly Refill App by Stora Enso is an easy-to-use web application for quick and secure replenishment of Selfly Intelligent Cabinets. It allows real-time inventory data on cabinet screens utilizing Selfly Cloud.

## Web-based app and cloud platform

Selfly ReFill App is built on Stora Enso's cloud platform that enables secure user authentication, recording of replenishment transactions, and reporting of cabinet inventory data to Selfly Cloud. The replenishment of the Selfly Intelligent Cabinet is done with a web-based application that can be accessed with any mobile device that has a QR-code reading capability and internet access.

## Software for inventory details on cabinet screen

To support replenishment, the Selfly Intelligent Cabinet software provides users with real-time product inventory data directly on the cabinet top screen. Current inventory status and any changes on product quantities are displayed without delay. Warnings of any issues with reading the RFID tags, unencoded tags or possibly expired products inside the cabinet are also displayed to ensure successful replenishment.

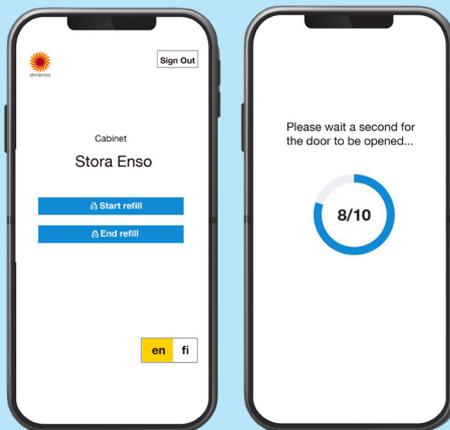
The inventory status of each Selfly Intelligent Cabinet is reported in real time on the Selfly Cloud. This enables cabinet operators to track refill actions and also recognize the need for replenishment.

## Here is how Selfly ReFill App works:

1. The web app is accessed by reading a QR-code with a mobile phone and signing in with user's personal sign in credentials.
2. ReFill is started through the web app and the cabinet door unlocks for replenishment.
3. Once the door is unlocked, the user can add the RFID-tagged products to the cabinet and remove products that have, for example, reached their expiry date.
4. The cabinet top screen shows real-time inventory of products and replenishment actions during the replenishment. A warning is also displayed if there are unencoded or faulty tags or expired products inside the cabinet.
5. The user completes the replenishment and locks the cabinet for use using the refill web app. Updated inventory data and replenishment transactions are automatically updated to Selfly Cloud.

<span style="color: red;">!</span> <span style="color: red;">3</span> x Incorrectly encoded tags <span style="color: red;">2</span> x Products with bad tags <span style="color: red;">3</span> x Expired products					
Apple Juice, 0.5l	7	+4	Avocado Sandwich	1	0
Orange Juice, 0.5l	8	+3	Carbonated Water, 0.5l	5	0
Lemon Soda, 0.5l	2	-2	Still Water, 0.5l	6	0
Cola Drink	3	0	Strawberry Yogurt	5	0
Liquorice bar, 20g	2	0	Blueberry Yogurt	6	0
Chocolate bar, 60g	4	0	Vanilla Yogurt	2	4
Chocolate Chip Cookie, 25g	2	0	?	3	0
Caesar Salad	3	0			
Chicken Salad	2	3			
Ham Sandwich	1	3			
Steak Sandwich	2	0			
Current count   Added   Removed   Not changed   Bad tag		Time until door is automatically locked		3 : 43	
Expired   Unknown product		<b>Total</b>		66   +5	

Inventory and notifications view on the Selfly Intelligent Cabinet screen.



Web-app view for starting and ending the replenishment action on a mobile device.

## Key Features of Selfly ReFill App



Web-based, globally accessible with any mobile device with QR-code reading capability.



Secure cabinet-specific sign in.



Unlimited number of users.



Intuitive and easy to use with real-time inventory and replenishment data reporting.



Third party system integration for notifications and alerts.

Selfly ReFill App is a standard part of the Selfly Store software license included in all Selfly Store roll-outs.

Contact us for more information:  
[www.selflystore.com](http://www.selflystore.com)