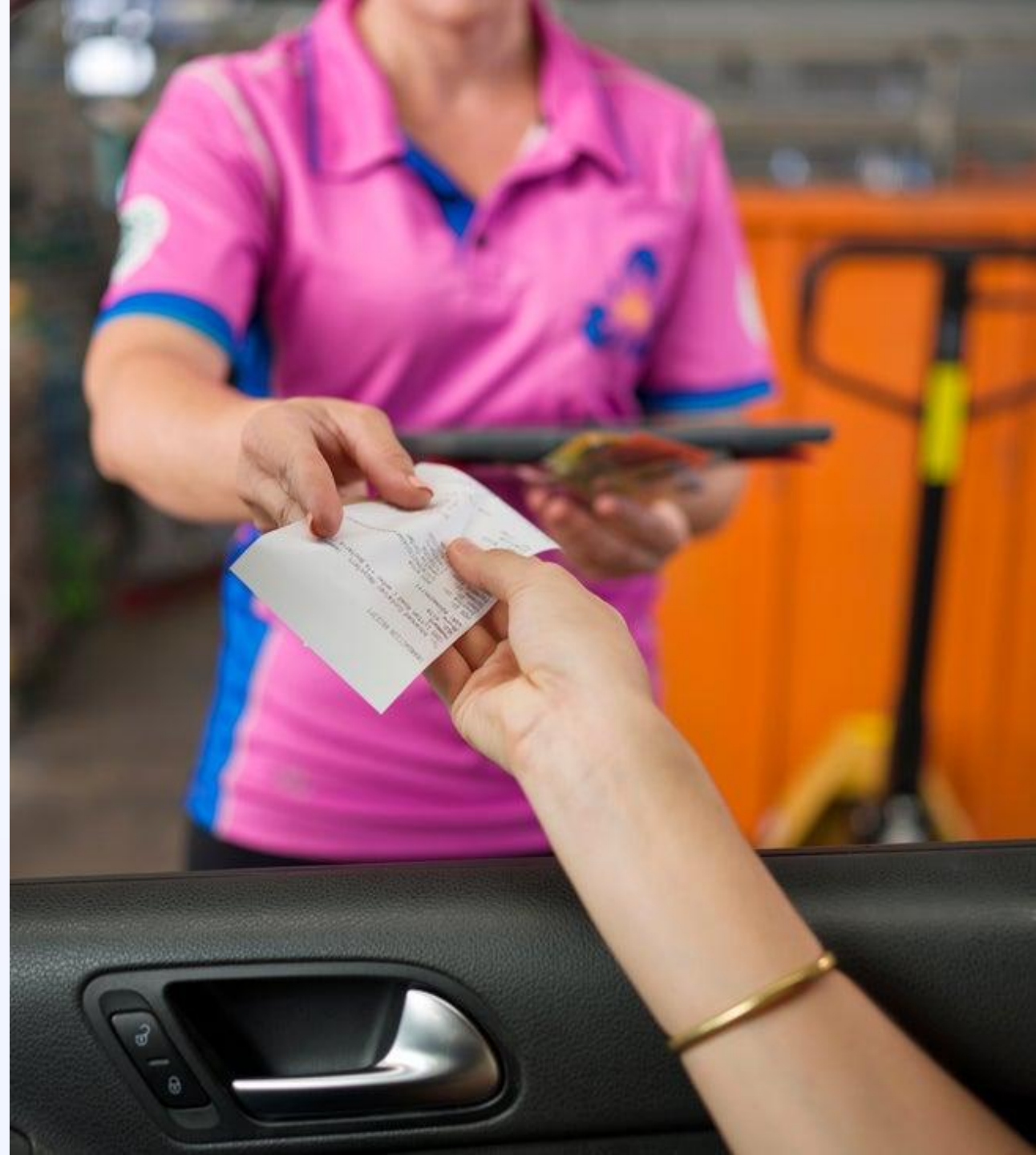


Online Co-ordination Services (OCS)

This feature provides an online database per site for bin management, remote bin syncing requiring only internet, automatic database creation and syncing upon POS upgrade, and background syncing for real-time updates.

This document details how to move your POS devices from a local connection to online.



Pre-Requisites

- POS device must remain connected to the internet during the upgrade and migration process.
- All POS devices should be upgraded before normal Bin Management can resume.
- The first POS device to migrate will become the 'Source of Truth' for your OCS database. Choose carefully as all other devices will defer to this device to source their data for migration.
 - Once Migration has completed the OCS Database itself becomes the 'Source of Truth' not a particular device.

Steps to Migrate

1. Download latest POS version
2. Complete POS upgrade process
3. OCS will be automatically enabled for your device & site.
4. Repeat steps 1-3 for all other devices.

Things to look out for

- OCS will attempt to upload everything it can from a device once it is upgraded. If it finds a duplicate bin on a device that already exists in OCS database, it will ignore it.
- After the first device is migrated all remaining devices for a site will attempt to upload their bins, ignoring ones that have already been uploaded.
 - Bin Asset ID is the defining factor, if this is changed prior to migration it may result in duplicate bins.
- Pre-existing duplicate bins will still exist after OCS Migration. These bins will need to be manually moved to their appropriate status to resolve.
 - e.g. 2 Active Glass Bins in same Bay with different Asset IDs.
- Any transactions completed on devices that have not yet migrated will result in lost transaction quantity in the bins.
 - The transaction upload itself will still be successful, just the quantity in the Bin will be lost when it does eventually migrate.
- Changes to the status or details of a Bin on secondary device will be lost if that site has already migrated a device.
- If there is a conflict in status, it will always take OCS as source of truth.
- If there are 2 bins of the same material type in the same bay, transactions will usually go to the first bin shown in the list.
 - You're better off moving one of the duplicate Bins to Full/Closed before doing a transaction if you are unsure where the quantity will go.
- Usually hitting the refresh button on all devices will sync the Bins Screen. If this does not work as expected, you can modify the details of a Bin and save, it should then upload to OCS.