CONTAINERS FOR CHANGE POS HARDWARE REQUIREMENTS

Windows 10 Installation

Prerequisites

Minimum Hardware Requirements

Processor: 1 gigahertz (GHz) or faster processor or SoC
RAM: 2 gigabyte (GB) for 32-bit or 4GB for 64-bit OS
Hard disk space: 20 GB for 32-bit OS or 32 GB for 64-bit OS
Graphics Card: DirectX 9 or later with WDDM 1.0 driver
Display: 1920 x 1080 or higher
Keyboard, mouse, internet connectivity.

Software Requirements

Windows 10:
Version 1709 "Fall Creators Update", or later
PC's must regularly install latest operating system patches. PCs on the enterprise long-term servicing channel (LTSC) must be on version 1809. Failing to have the right minimum version of Windows will prevent the installation of POS.
BitLocker: Drive for the user's profile must be encrypted BitLocker. Failing to have BitLocker enabled will prevent the installation of POS.
Antivirus: An anti-virus package must be installed detected by Windows. Failing to have Antivirus available will prevent the running of POS.
Administrator: Administrator access is required to install of POS. Running of the POS does not require administrative access.
Side loading: The System Administrator needs to ensure that LOB apps can be side loaded. For managed devices this is done via enterprise policy through for unmanaged devices this can be done through Settings.

iPad Installation

Prerequisites

Minimum Hardware Requirements

iPad supporting iOs 11: including:
iPad Air, iPad Air 2, iPad 2017, iPad 2018, iPad Pro 1st Gen 9.7", iPad Pro 1st Gen 12.9", iPad Pro 2nd Gen 12.9", iPad Pro 2nd Gen 10.5".
Free disk space 2GB
Internet connectivity.

Software Requirements

iOS: Latest supported operational system and patches.

Receipt Printers

Receipt Printers are used in the following POS functionality. If the functionality is not used then no receipt printer is required:

- Counter Transaction
- Bag Drop Count
- Daily Reconciliation

Hardware Requirements

Receipt width: 40 characters or more per line.
Windows Compatibility: Either:

1. OPOS compatible receipt printer via OPOS service objects.
2. Bluetooth connected receipt printer using Epson ESC/POS control language

iPad Compatibility: Receipt printer certified by the MFi Program supporting Epson ESC/POS control language.

Compatible Hardware

The following receipt printers were tested with POS. Please ensure that the device is unboxed, loaded with receipt paper and ready for use by the manufacturer's instructions.

	IPad	Windows 10
Star TSP143II	✗	✓
Epson TM-m30	✓	✓
Zebra IMZ320	✓	✓
Zebra ZQ320	?	✓
Citizen CMP-30	✓	✗

Label Printers

Label Printers are required for the Bag Drop Label printing functionality. If a POS device does not perform this role then no label printer is required to be available.

Hardware Requirements

Label Dimension: 49 x 99mm. Either landscape or portrait orientation.
Windows Compatibility: Windows compatible printer, set as the default printer.
iPad Compatibility: Label printer certified by the MFi **Program supporting ZPL programming language.**

Compatible Hardware

The following receipt printers were tested with PSOS. Please ensure that the device is unboxed, loaded with label paper and ready for use by the manufacturer's instructions.

	IPad	Windows 10
Brother QL-1110NWB	✓	✓
Bixolon SLPD420DX	✗	✓
Zebra ZD410	✓	✓
Zebra ZQ-320	?	?
CL-S400DT	✗	✓

Barcode Scanners

Barcode scanners are used in the following PSOS functionality. If the Bag Drop Counting functionality is not used, then no barcode scanner is strictly required:

- Bag Drop Count
- Eligible Container Check (optional, user may type barcode)

Hardware Requirements

Scanner Type: 2D required for QR code scanning or Bag Drop Count. 1D "linear" for EAN scanning in Eligible Container Check.

Windows Compatibility: Either:

1. OPOS compatible scanner via OPOS service objects (best experience).
2. USB Keyboard mode (similar to iPad experience).

iPad Compatibility: Barcode scanner certified by the MFi Program and compatible with iPad.

Compatible Hardware

The following scanners were tested with POS. Please ensure that the device is unboxed and ready for us by manufacturer's instructions. All barcodes used are available from the manufacturer manuals either distributed in the box or available online in PDF manuals. If the barcode cannot be scanned, please try from the original source.

	IPad	Windows 10
Zebra DS2278	✔	✔
Honeywell Xenon 1900GSR	✘	✔
Datalogic QD2430	✘	✔