MDB Learning in Dryline VMS

Oct 30, 2026

What MDB learning does

MDB learning teaches Dryline VMS which selection on your machine each card sale came from. When a customer pays, the machine reports an MDB item number, not the label on the glass (A1, 125). Learning pairs each selection with the number the machine reports, so every sale is recorded against the right selection and product.

You do it by buying from each selection once with a real card while Dryline VMS watches. Each vend also records the price the machine charged, which shows as the **VMC mapped price** in the planogram editor.

Run it when you install a machine. Run it again for any selection whose sales show up on the wrong product.

Before you start

Have these ready before you walk up to the machine:

- [ ] **The machine is added in Dryline VMS** with its card reader linked. The machine page's **Card reader** section shows the reader.
- [ ] **Protocol is set to MDB** under the machine's **Configuration**.
- [ ] **Each selection you will learn is stocked and priced on the machine**, so a purchase actually vends.
- [ ] **A card you can charge**, such as a company or test card. Every learning vend is a real card sale. Refund them afterwards under **Refunds** in Dryline VMS or in your Dejavoo portal.
- [ ] **Your role includes "Set up vending machines"** to run learning, and **"Edit planograms"** to publish the result. Owners have both.
- [ ] **On a phone:** the latest Dryline VMS app, signed in to your business.

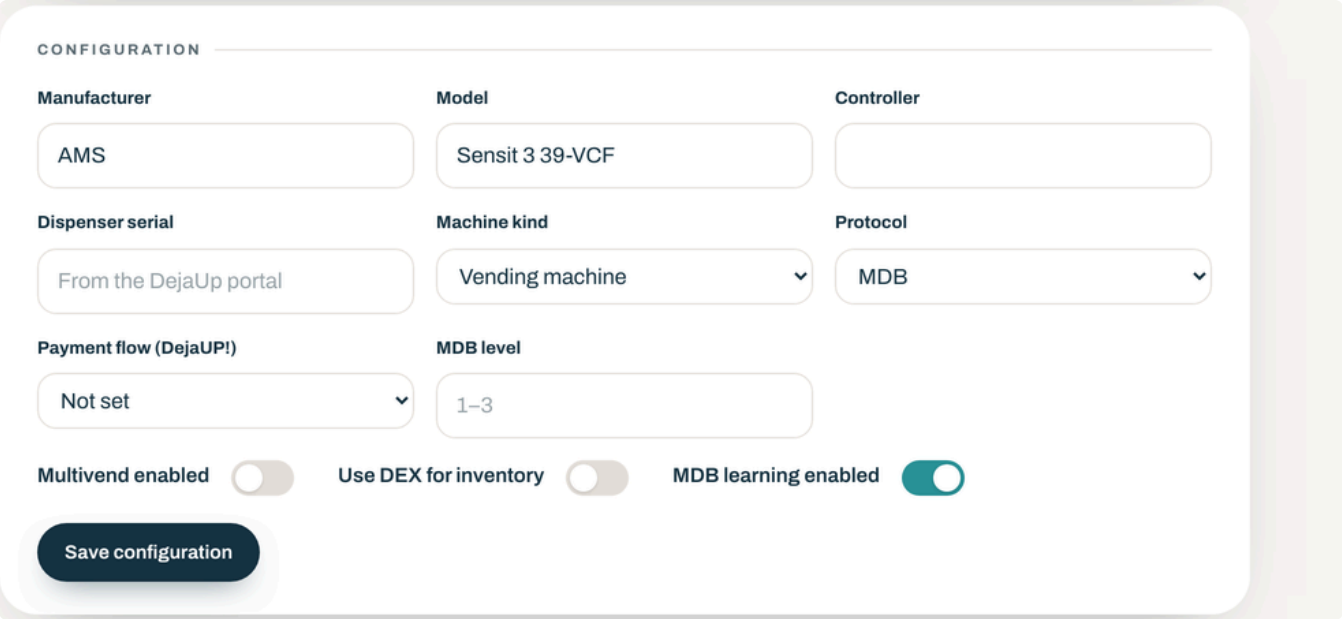
A planogram is optional. If the machine has one, learning updates it. If not, learning builds a new draft planogram from what you learn.

On the web app

Use the web app when you have a laptop or tablet at the machine. You can also queue selections on the web and buy them while someone else watches the page.

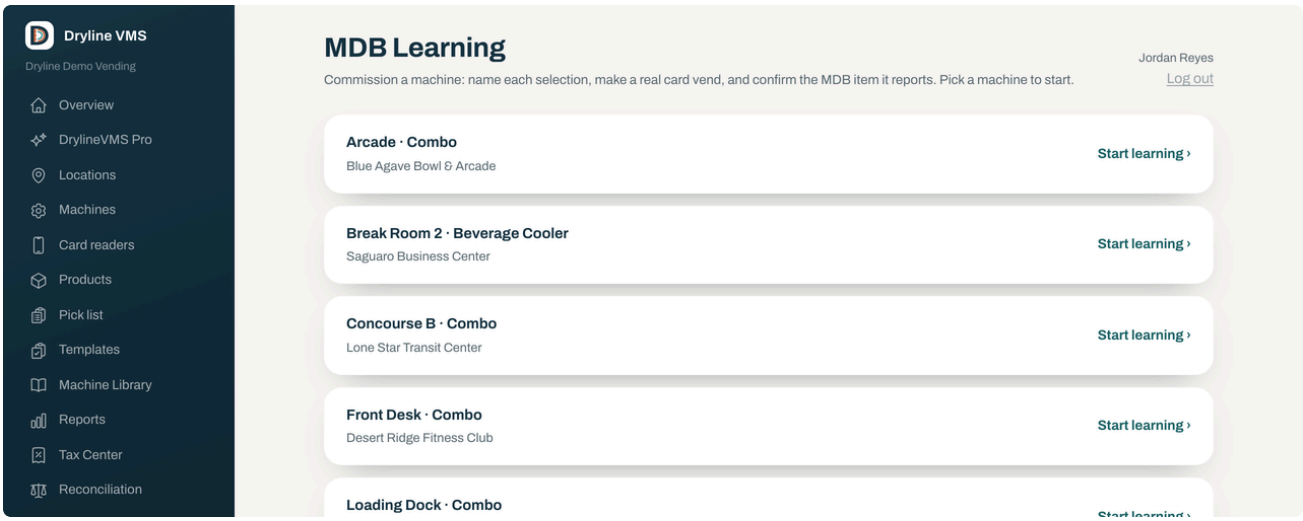
Turn learning on for the machine (once per machine)

1. Open **Machines** and select the machine.
2. In **Configuration**, turn on **MDB learning enabled**.
3. Click **Save configuration**.

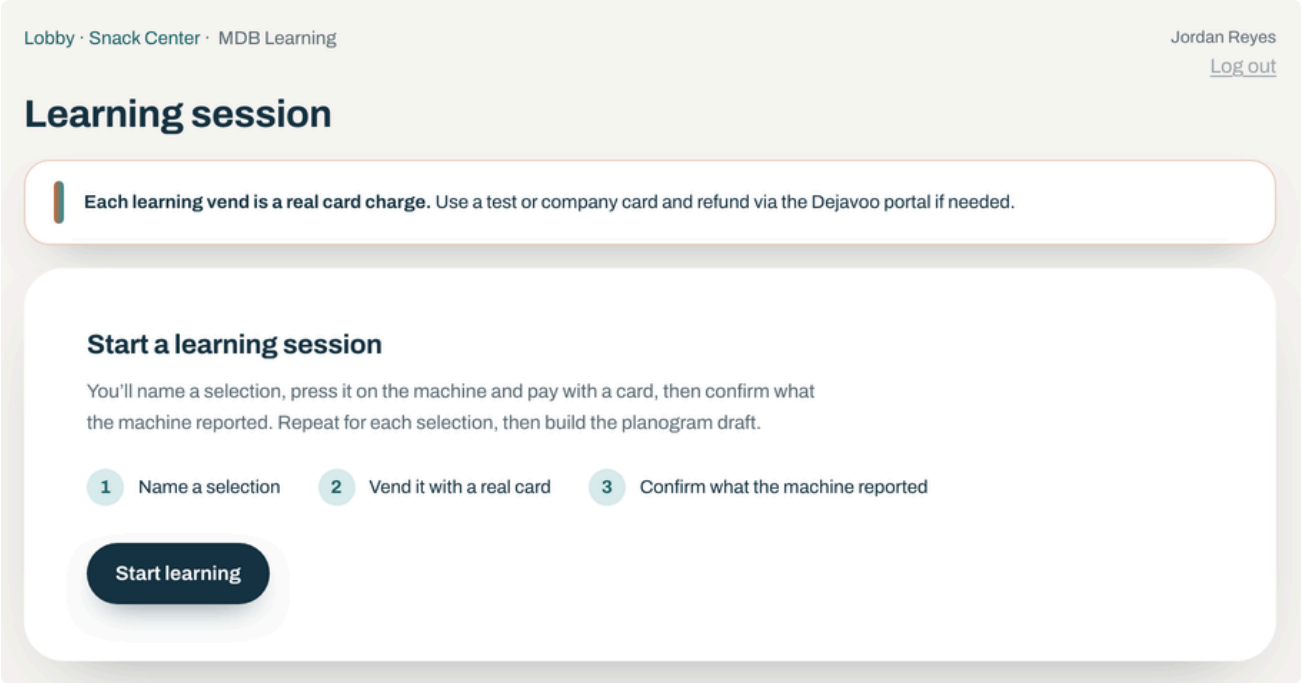


Learn your selections

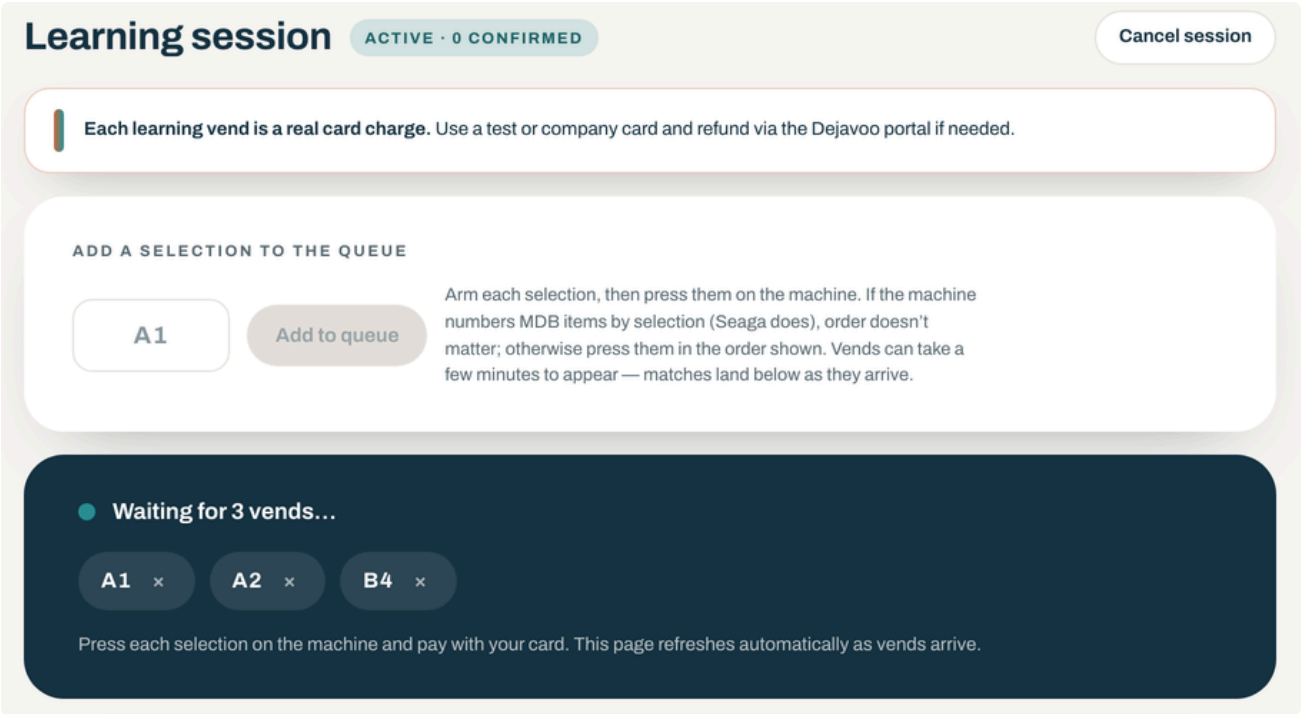
1. Open **MDB Learning** in the left menu and click **Start learning ›** next to the machine. You can also click **Start MDB learning** at the top of the machine page.



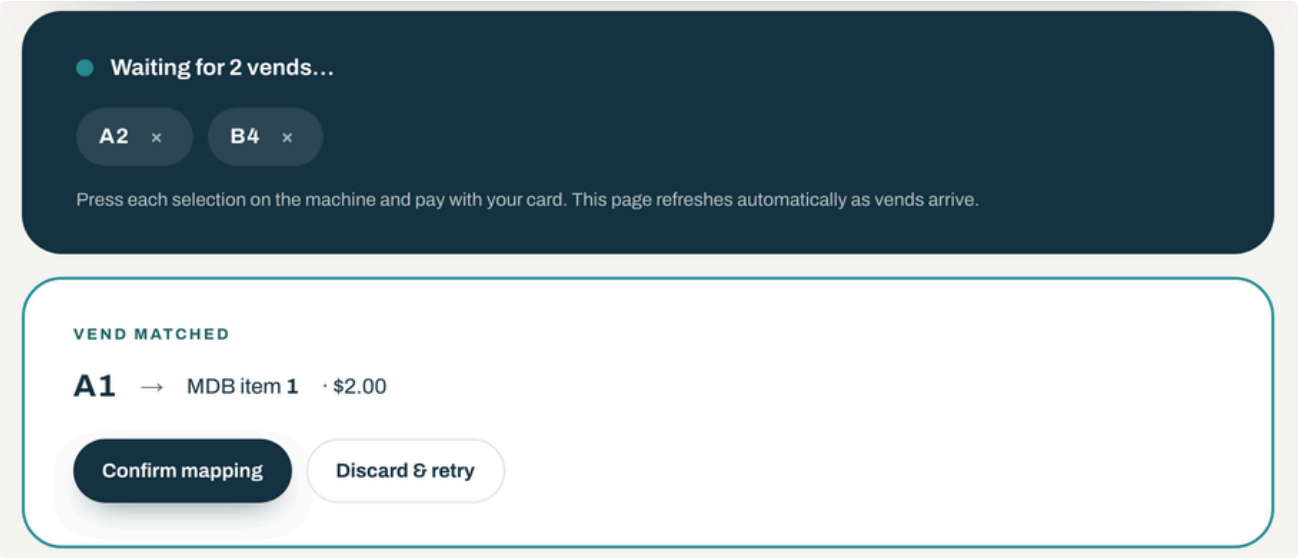
2. Click **Start learning**.



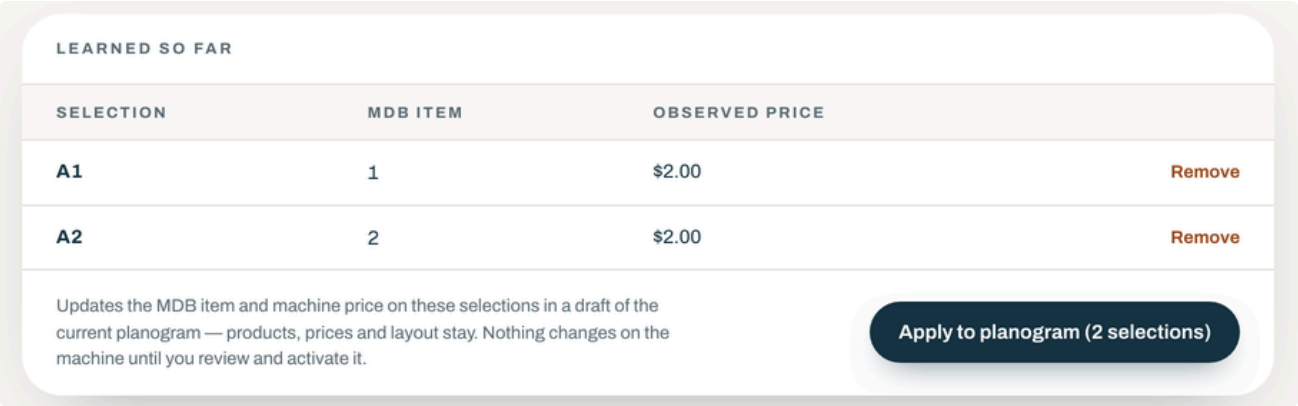
3. Under **Add a selection to the queue**, type the selection code exactly as the machine shows it (for example A1 or 125). Click **Add to queue** or press Enter. Add each selection you are about to buy.
4. At the machine, buy each queued selection with your card. On Seaga machines the order does not matter. On other machines, buy them in the order shown in the queue.



5. Wait for the matches. The page refreshes on its own, and a vend can take several minutes to appear. You can keep buying while you wait.
6. Each vend shows as a **Vend matched** card: the selection, the MDB item the machine reported, and the price charged. If it looks right, click **Confirm mapping**. It moves to **Learned so far**.



7. Repeat steps 3 to 6 until every selection is in **Learned so far**.
8. Click **Apply to planogram**. If the machine has no planogram yet, the button reads **Build draft planogram**. This saves a draft and ends the session. Nothing changes on the machine yet.



9. Go back to the machine page and click **Open planogram**. Click **Continue editing**, review the draft, then click **Publish changes**.

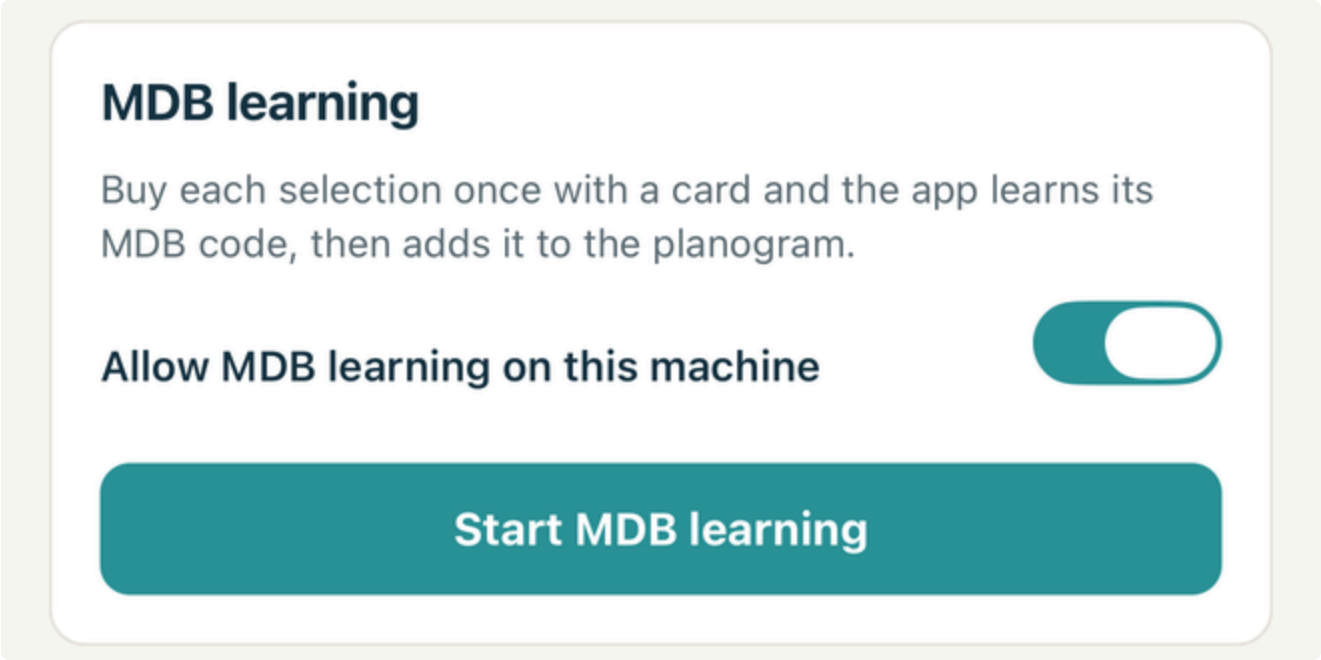
A session stays open for 4 hours. You can close the page and come back: vends that arrive while it is closed still match.

On the mobile app

Use the Dryline VMS app when you are standing at the machine with just your phone. The app calls the MDB item number the **MDB code**.

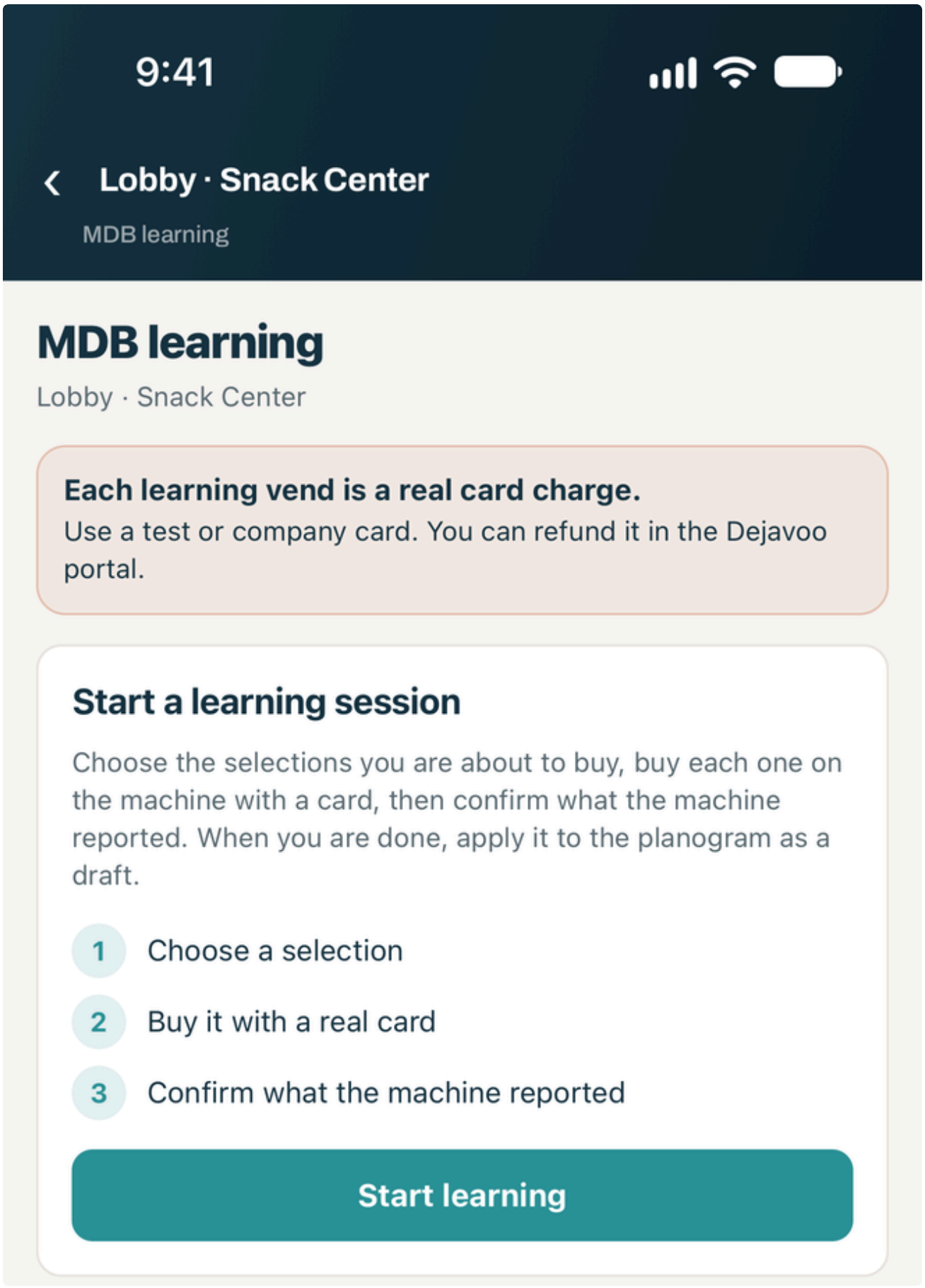
Turn learning on for the machine (once per machine)

1. Open the **Machines** tab and tap the machine.
2. Scroll to the **MDB learning** card, just below the cash box card.
3. Turn on **Allow MDB learning on this machine**. It saves right away.

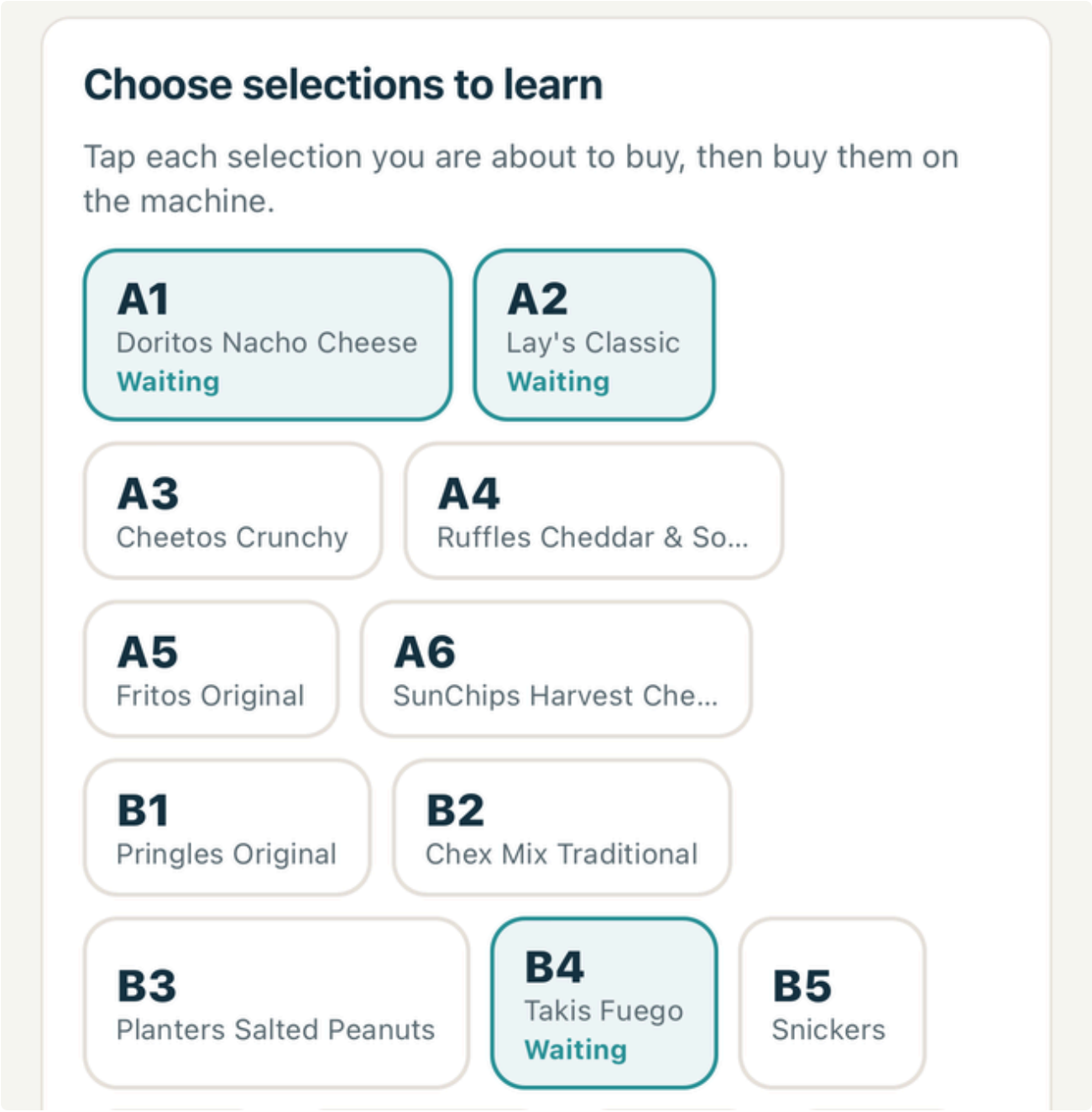


Learn your selections

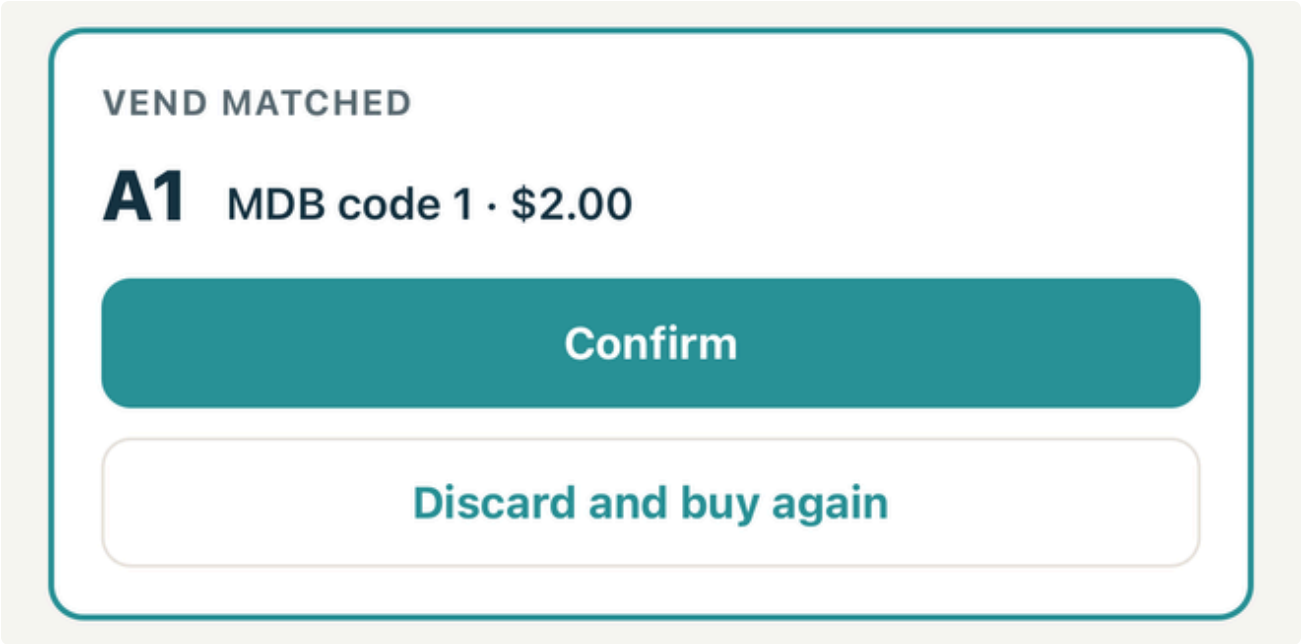
1. On the **MDB learning** card, tap **Start MDB learning**, then tap **Start learning**.


9:41
Lobby · Snack Center
MDB learning
MDB learning
Lobby · Snack Center
Each learning vend is a real card charge.
Use a test or company card. You can refund it in the Dejavoo portal.
Start a learning session
Choose the selections you are about to buy, buy each one on the machine with a card, then confirm what the machine reported. When you are done, apply it to the planogram as a draft.
1 Choose a selection
2 Buy it with a real card
3 Confirm what the machine reported
Start learning

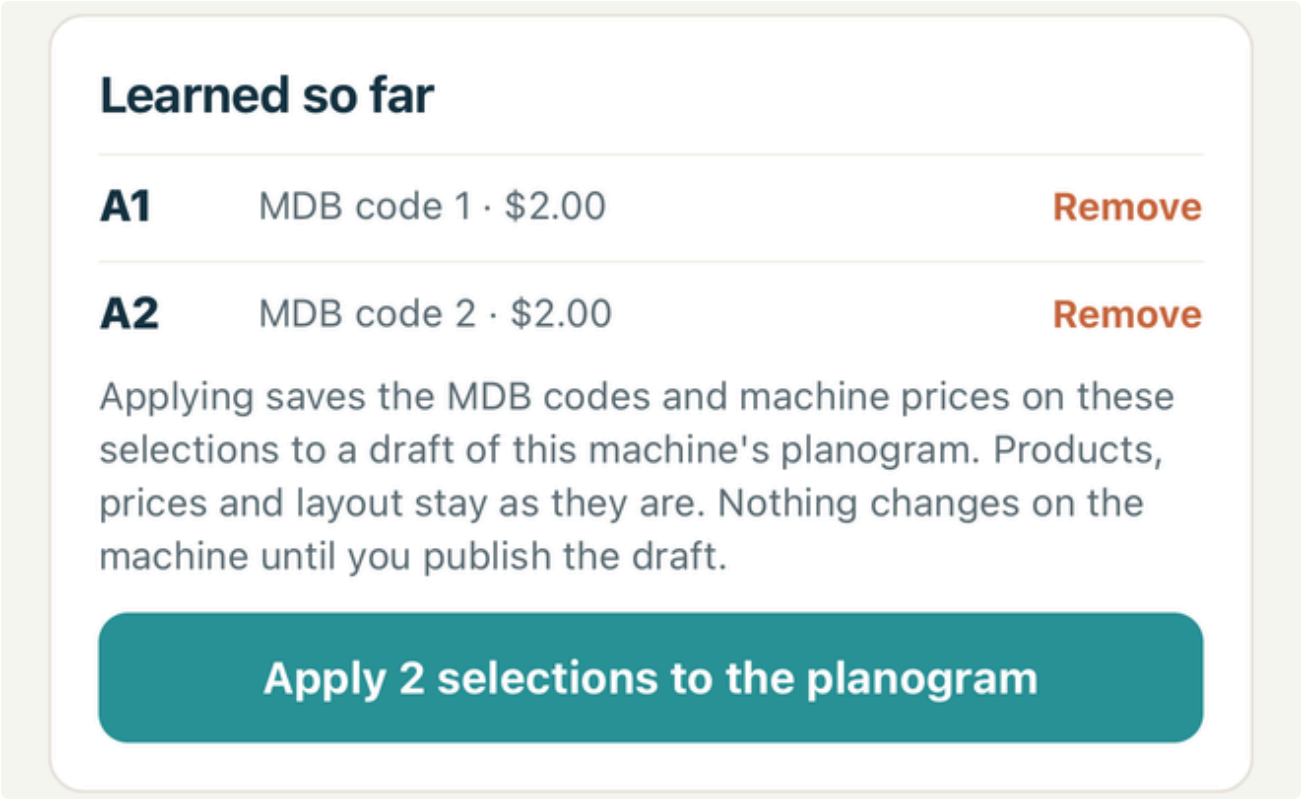
2. Under **Choose selections to learn**, tap each selection you are about to buy. If the machine has a planogram, its selections show as buttons. For a code that is not there, type it under **Selection code** and tap **Add**. Each chosen selection shows **Waiting**.



3. Buy each waiting selection on the machine with your card. On Seaga machines the order does not matter. On other machines, buy them in the order shown.
4. Keep the screen open. It stays awake, checks for vends on its own, and your phone buzzes when one matches. A vend can take several minutes to show up.
5. Each vend shows as **Vend matched** with the MDB code and price. If it looks right, tap **Confirm**. The selection's button now shows **Learned**.



6. Repeat steps 2 to 5 until every selection shows **Learned**.
7. Tap **Apply to the planogram** (the button shows how many selections). If the machine has no planogram yet, it reads **Build a draft planogram**.



8. On **Saved to the planogram as a draft**, tap **Review and publish**. Check the planogram, then tap **Publish changes…**.

The web app and the phone share one session per machine. If a session is already open, the machine's card shows **In progress** and a **Continue learning** button. You can queue selections on the web and confirm them on the phone, or the other way round.

Checking the result and fixing a wrong match

After you publish, open any learned selection in the planogram editor. It shows a **VMC mapped price**: the price the machine charged during learning. If that differs from the planogram price, reprogram the price on the machine, then click **Set VMC to planogram** in the editor. You do not need to learn the selection again.

While a session is open, every problem shows on its own card with the fix next to it:

What you see	What to do on the web	What to do on the phone
You confirmed a wrong match	Click **Remove** in **Learned so far**, then queue the selection again and buy it again	Tap **Remove** under **Learned so far**, then choose the selection again and buy it again
"MDB item is already confirmed for" another selection	If the earlier match was wrong, click **Use this match instead**. If two selections really share one coil, click **Both are correct (shared coil)**, write why, and click **Record resolution**	Tap **Use this match instead**, or tap **Both are correct (shared coil)**, write why, and tap **Save note**
"Was already confirmed in this session"	Click **Use this match instead** to replace the earlier match	Tap **Use this match instead**
The planogram has the selection on a different MDB item, the price differs, or no MDB item was reported	If the reading is right, click **This is intentional — resolve**, write why, then **Confirm mapping**. If not, click **Discard & retry** and buy it again	Tap **This is intentional**, write why, then **Confirm**. Or tap **Discard and buy again**
No vend detected (phone: No vend arrived)	Click **Retry** to queue it again and buy it again, or **Remove**	Tap **Try again** and buy it again, or **Remove**

What you see	What to do on the web	What to do on the phone
A vend that was not in the queue (someone else bought, or you bought before queuing it)	Click **Dismiss**. If it says it looks like a selection, queue that selection and buy it again first	Tap **Dismiss**. If it says it looks like a selection, add that selection and buy it again first
You want to start over	Click **Cancel session**	Tap **Cancel this session**, then **Cancel session**

Apply stays locked until every vend card is confirmed, resolved or dismissed. Cancelling drops anything not applied yet. The card charges stay, so refund them under **Refunds**.

Common questions

I don't see MDB Learning, or the MDB learning card. Your role needs "Set up vending machines". Ask your account owner to add it under **Team**. Retired machines don't show the card.

There is no Start button. Turn on the machine's learning switch first: **MDB learning enabled** on the web, **Allow MDB learning on this machine** on the phone.

"A learning session is already open on this machine." Someone started one on the web or the phone. Open it from **MDB Learning** on the web, or tap **Continue learning** on the phone.

Do I have to buy in the queue order? Only on machines that don't number their MDB items by selection. Seaga machines do, so any order works there. On other machines, each vend goes to the selection that has waited longest.

A vend is taking a long time to show up. Vends can take several minutes to reach Dryline VMS. Keep buying the rest of the queue. If one never arrives, its card turns to **No vend detected (phone: No vend arrived)** and you can retry it.

Can I learn one selection later without redoing the rest? Yes. Start a new session, learn just that selection, and apply. Only the learned selections change. Products, prices and layout stay as they are.

How long does a session last? 4 hours. Anything not applied by then is dropped, so apply before you leave the machine.

Customers bought from the machine while I was learning. Their vends show as not in the queue. Dismiss each one. Learning goes fastest when the machine is quiet.