



CDW Punchout Integration Guide for Ramp

Connecting your CDW punchout and purchase order channel inside Ramp

About this guide

Your CDW punchout integration has been started and your credentials are ready. This guide shows a Ramp administrator exactly which CDW value goes in which Ramp field. It takes about 15 minutes. For the Ramp screens themselves, Ramp's Help Center is the authoritative source and is linked at the end.

Before you begin

- Open your CDW integration page: sign in to CDW and go to Integrations & Tools > Integrations > Ramp. The Integration Credentials section lists every value and offers a Download PDF option. Keep it open while you work.
- Confirm you have a Ramp administrator account with permission to manage integrations.
- Copy and paste every value. Retyping a URL, identity, or secret is the most common cause of a failed connection.

Step 1: Enter your credentials in Ramp

In Ramp, open Company > Integrations > CDW and complete the Connect page using the table below. Ramp already holds CDW's punchout URL and production purchase order URL, so leave those two fields exactly as you find them.

Field on Ramp's Connect page	What to enter	Where it comes from
From identity	Your Buyer Identity, which is your CDW account number	Your credentials
Buyer domain	NetworkID	Same for all CDW customers
Supplier domain	DUNS	Same for all CDW customers

Field on Ramp's Connect page	What to enter	Where it comes from
Supplier identity	107627952	CDW's DUNS number, same for all customers
Shared secret	Your punchout shared secret	Your credentials
Punchout URL	Leave unchanged	Already set by Ramp
PO test URL	https://apiconnect.preprod.cdw.com/cXMLPO	Same for all CDW customers
PO production URL	Leave unchanged	Already set by Ramp
Test mode	On for the first purchase order test, off afterward	See Step 2
Vendor	Your CDW vendor record	Your Ramp vendor list

Select your CDW vendor record, confirm the default purchase order address and ship-to contact, then click Connect.

CDW URLs

The punchout URL depends on which CDW entity holds your account. Use the address shown in your own credentials; the other entity's address will fail authentication even when every other value is correct. Both entities use the same purchase order endpoints.

Used for	Address
Punchout, commercial CDW accounts (test and production)	https://www.cdw.com/eprocurement/punchout/handoff.aspx
Punchout, CDW-G accounts (test and production)	https://www.cdwg.com/eprocurement/punchout/handoff.aspx
Purchase orders, test (Test mode on)	https://apiconnect.preprod.cdw.com/cXMLPO
Purchase orders, production (Test mode off)	https://apiconnect.cdw.com/cXMLPO

Shared secrets work differently from URLs: punchout uses one secret for both test and production, while purchase orders use separate test and production secrets. Treat all of them as passwords and keep them out of tickets, chats, and shared documents.

Step 2: Test the connection

1. Create a purchase request in Ramp, select CDW, and launch the catalog. Confirm the CDW storefront opens with your account pricing.

2. Add one or two low-cost items, return the cart to Ramp, and confirm descriptions, part numbers, quantities, and prices carried across correctly.
3. With Test mode on, submit a test purchase order and send the Ramp PO number to your CDW Integrations Specialist so CDW can confirm receipt. If it fails, include the error reference number.
4. Once the test order succeeds, turn Test mode off.
5. Submit one real, low-dollar production order. Order confirmations and ship notices can only be validated in production, so this order confirms the complete flow.

If something does not work

What you see	What to check	Who to contact
The CDW catalog does not launch	The punchout URL in Ramp was left unchanged, and it matches the entity on your account (CDW or CDW-G)	CDW
An authentication or credential error	Identity, domain, and secret values match your credentials exactly, with no extra spaces	CDW
The cart does not return to Ramp	Pop-up blockers, and cross-site tracking protection in Safari	Ramp Support
Items return but pricing looks wrong	The correct CDW account and contract pricing are applied to the punchout user	CDW account team
Purchase orders do not reach CDW	Test mode matches the environment you are sending to, and the PO URL and secret match that environment	CDW

Safari users

Safari blocks punchout by default. Turn off Prevent Cross-Site Tracking under Settings > Privacy. Apple's instructions: [Customize Safari settings on Mac](#)

Support

- CDW credentials, catalog, pricing, purchase orders, invoices, and ship notices: email your CDW Integrations Specialist at helpdesk-epro@cdw.com.
- Ramp screens, permissions, requests, and approvals: call Ramp Support at 1-855-206-7283 or [submit a support ticket](#)
- Ramp's punchout documentation: [Punchouts in Ramp](#)