USING PAW PRINTS MOBILE

ABOUT PAW PRINTS

- Introduced about 4 years ago to minimize waste associated with lab printing
- All users have "free printing" quota determined by University role
  - Student-focused: students have largest quota by virtue of paying in the most through their student IT fee
  - Undergrad quota: $25.50
  - Graduate quota: $33.00
  - Employee quota: $5.00
  - Affiliate quota: $1.00
- Jobs charged at $0.05 for black and white, $0.10 for color
- After "free printing" exhausted, charges roll over to Tiger1
- Jobs live on print server for up to 24 hours

Primary student printing system on campus, although it is available for anyone affiliated with CU to use

Introduced 4-5 years ago to minimize waste associated with printing in labs. Prior to, were no limits associated with student printing. Problem: people printing tons of stuff and left it at the printer. Printed way more than picked up.

Reason for putting Paw Prints in place: to introduce print quotas. Limited amount of "free printing" per semester, that renews every semester. (Twice during the summer!)

Student-focused: students have largest "free print" quotas by virtue of paying the most into the system (IT fee). "Free printing" with the cost of tuition. Employees/ affiliates have smaller quotas because not intended to be their primary printing resource (departmental printers).

[quota amounts]

Undergrad quota = ~500 pages b/w

SUBMITTING JOBS TO PAW PRINTS MOBILE

- Caveat: to submit jobs to PP Mobile you must already have submitted at least one job through the regular Paw Prints queues
- Your first print job *creates* your account in Paw Prints
- Can submit your first job from any Windows or Mac CCIT lab computer or from your own computer after installing Paw Prints queues
  - www.clemson.edu/pawprints ("Printing/Plotter Installs")
  - download.clemson.edu ("Printer and Plotter Drivers")

Conventional way of submitting jobs: through a print queue from your application, just like any other printer. Paw Prints Mobile allows you to print via email (or upload jobs from the web – which I'll talk about).

One caveat: have to have already submitted a job the conventional way before you can use Paw Prints Mobile. Because: you must have account in the system and account does not exist until you've submitted first (conventional) print job. If printed to Paw Prints any time in last year, you're good.

If not, submit conventional job first. Easiest way: CCIT lab computers, all have Paw Prints queues installed.

Or can install queues on own machine. Win + Mac installers available
Student/employee versions also available in Mac Software Installer

Not going to demo install of queues because oh man, takes forever

SUBMITTING JOBS TO PAW PRINTS MOBILE

- Can submit jobs via email to two email addresses
  - blackwhiteprint@clemson.edu
  - colorprint@clemson.edu
- If a document attached, it is submitted as print job – otherwise email body becomes print job
  - Supported types: PDF, MS Office, Open Office, text files, images like PNG, JPG, BMP, GIF, TIF
  - Multiple attachments each become their own print job
- Confirmation email always comes from colorprint@clemson.edu

Assuming you have an account. Submitting jobs by email just means sending content to one of two addresses:

blackwhiteprint@clemson.edu – formats jobs in black and white
colorprint@clemson.edu – formats jobs in color

Straightforward – attach files you want to print to the email you send. Can attach multiple, each becomes its own print job. I imagine there's a size limit – reasonably large, haven't found it yet. More on that with web upload…

[supported types]

If attach nothing, the body of the email (assuming non-emtpy) becomes the print jobs. So can print just an email if you want.
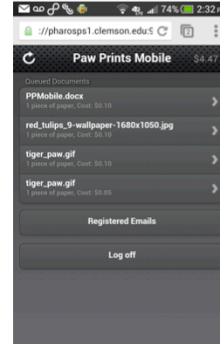
Will get confirmation email with every job you submit by email. Confirmation email from colorprint@CU, regardless of where you sent it. Just be aware of.

SUBMITTING JOBS TO PAW PRINTS MOBILE

Let's submit some print jobs!

UPLOADING JOBS VIA THE WEB

- Go to http://pawprints.clemson.edu/webrelease
  - Link should be included in your confirmation email
- From the web interface you can
  - Upload jobs
  - Preview jobs
  - Check quota balances
  - Add email addresses
- Also available on mobile browsers with limited features
- Only mobile device option for submitting print jobs is email
- Web upload best option for Linux, Chrome OS users

http://pawprints.clemson.edu/webrelease but link included in every confirmation email, so easier to just pull out of email, when and if you need to go there

Worth a mention: when you upload documents, you don't get to pick document type (color or BW).

Upload a color document – will be formatted in color but this can be released at a BW printer and user will be charged $0.05/pg.

On the right is screenshot of web interface on mobile browser – phones, tablets. Unfortunately, web upload isn't available on mobile browsers. Best option for mobile devices is EMAIL. Any email-capable device can send a job to the print server.

Web upload more useful for folks running OSes besides Windows and Mac OS – if you have a fully featured web browser, you can submit print jobs through the web interface. No confirmation emails = less spam. Every semester, a couple of student come to Help Desk with laptops running Linux or Chromebooks who want to set up regular Paw Prints print queues. In the past, we haven't had a solution for them other than lab machines. This is the best solution for those people – just upload print jobs
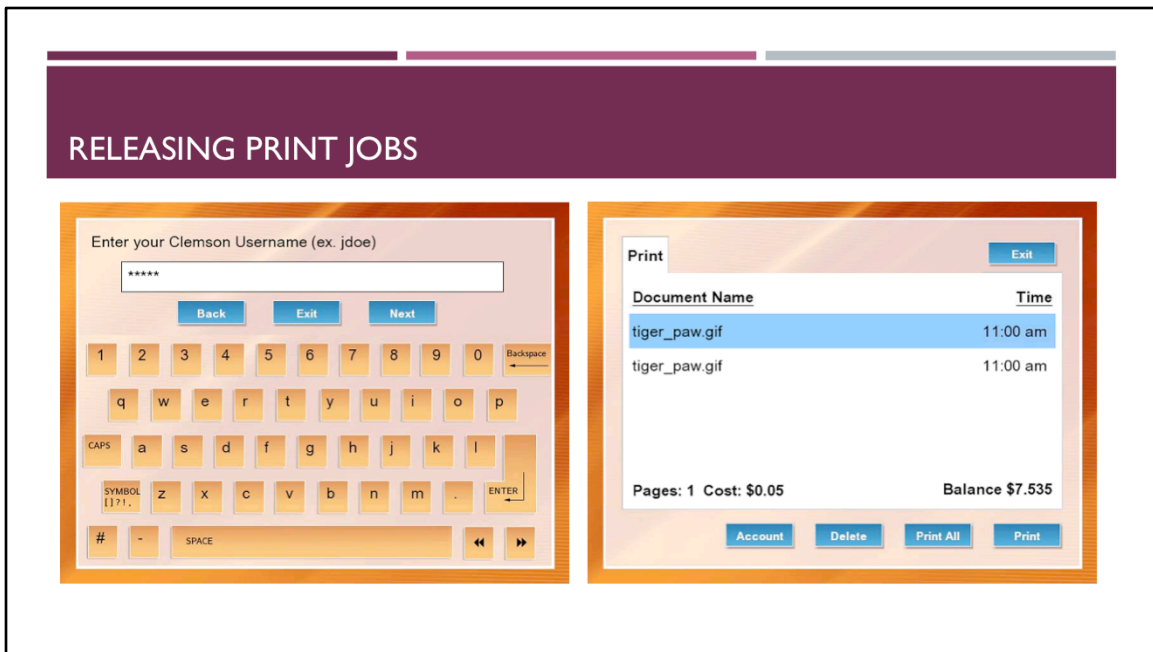
RELEASING PRINT JOBS

- Jobs can be released at any of the release stations across campus

In basically every lab there are Paw Prints printers. You'll identify by the release stations next to them, touchscreens. Anybody who has an account can log into to check what's on your queue.

About 20-25 Paw Prints printers and release stations across campus:
ASC Lobby
Brackett Atrium (2)
Cooper Library (9) – including one color
Daniel Lobby
Edwards 2nd Floor
Hendrix (2)
Hunter Lobby
Gunnin Library (Lee Hall)
Lowry 11
Martin M1
McAdams 110A
Sirrine G24
Union Lobby

RELEASING PRINT JOBS

All release stations have card reader attached to, easiest to use Tiger1 card

Otherwise can log in with regular Clemson username and password

Pro-tip: these touchscreens are pressure sensitive, not electrostatic like your phone or tablet. Easiest to type on using fingernail or end of pen or pencil.

When logged in will see combination of jobs submitted via Paw Prints Mobile and conventional queues and when highlighted, the prices associated with each. Just click print!

MORE INFO

- More info: www.clemson.edu/pawprints
- Questions?

Pretty straightforward process. Everything is documented on web at: clemson.edu/ pawprints