Circulating Laptops at ICPL

(and Hotspots)

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About …

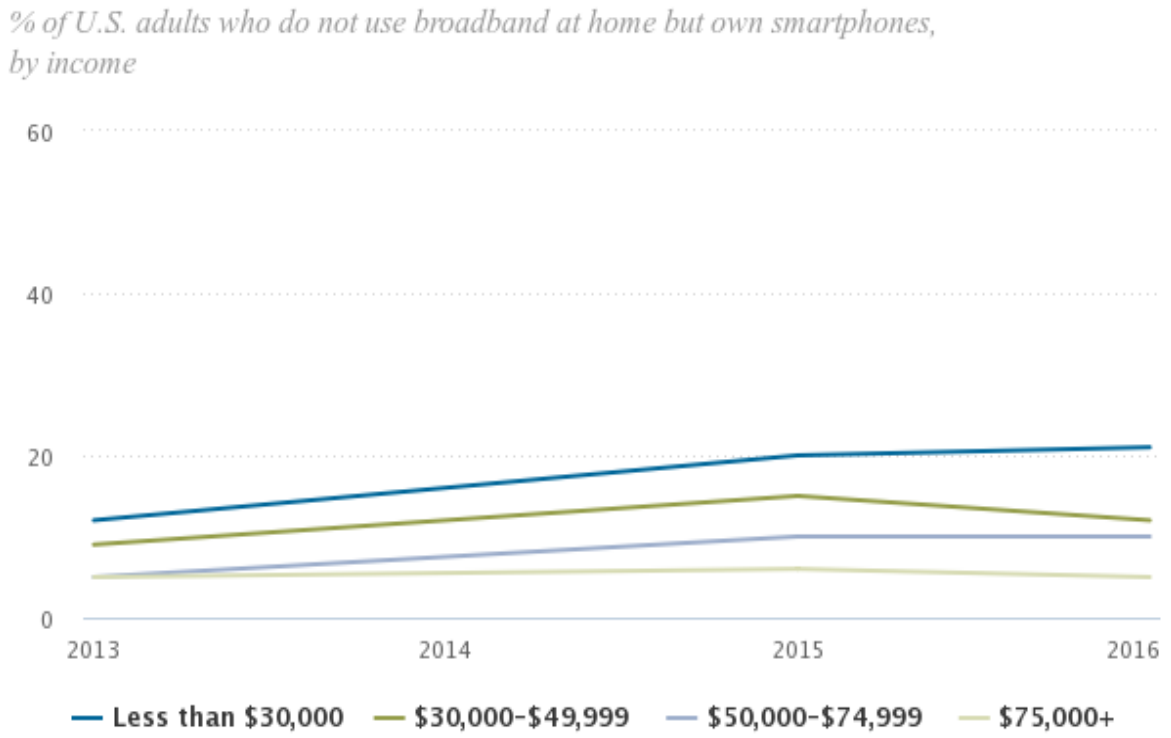
- Me
- ICPL
- This Presentation

Motivations and Goals

- Most people have cell phones
- Helping patrons with important tasks that would be difficult to do on a mobile device

Pew Research Center Data

- 10% Americans are "Cell Phone Dependent"
- Younger Adults, non-white and lower-income
- 20% Do not own laptops or PCs



http://www.pewinternet.org/fact-sheet/mobile/

Why Expand Access

- Getting to the Library
- Open hours
- 2 hour limit on public computers

Goals

- Provide basic tools patrons need to perform important information-based tasks
- Access to these tools will be transformational

Why Not Kiosks

- Too Expensive for us
- Less options for models
- Uses Deep Freeze
- Intended for in-house circulation

Equipment Selection

Criteria

- OS: Chromebooks vs Windows
- $500 pricepoint
- Durability
- 15” screensize for portability
- Battery Life

Lenovo Thinkpad E550

Laptop Prep

- Install OS (we started from scratch)
- Install Software (based on our public Internet machine)
  - Office Suites, Browsers, Image Editing, Video, Java etc.
- Eliminate first-run windows
- Use Clonezilla to save an image
- Install image on the rest of laptops
- Activate Windows and Office
- Pass on to Technical Services

In the Bag

IOWA CITY
PUBLIC LIBRARY

This laptop belongs to:
IOWA CITY
PUBLIC LIBRARY
123 S. Linn • Iowa City, IA 52240
319-356-5200 • icpl.org

BATTERY – DO NOT REMOVE

Catalog Record

Laptop.

EQUIPMENT | 2016?

Available at Help Desk (AV EQUIPMENT/Laptop) plus 1 more see all

- → Consent form for minors to check out circulating laptops
- → See ThinkPad T550 user guide
- → See more information on borrowing audiovisual equipment

Laptop/hotspot bundle.

EQUIPMENT | 2016?

2 holds on first copy returned of 3 copies

- → Consent form for minors to check out circulating laptops
- → See ThinkPad T550 user guide
- → Connect to view the Hotspot R850 Get Started guide.
- → Connect to view the Hotspot R850 User Guide.
- → Connect to view the Hotspot R850 Overview.
- → See more information on borrowing audiovisual equipment

Record Details

More Details

Descript.	1 ThinkPad laptop computer (black, 15.6" display), 1 wired mouse, 1 power cord, 1 AC power adapter, 1 removable battery pack ; in a leather travel case.
Note	Model: Lenovo ThinkPad 550 ; 20DF-002YUS Laptops check out for 7 days from the Help Desk. Persons under 18 years of age must have a completed "Consent Form for Minor to Checkout Audiovisual Equipment" on file in order to check out a laptop. All items are contained in a leather travel case with the ICPL logo branded on the side. ITEM MAY NEED TO BE CHARGED BEFORE USE. Includes the following: Operating system: Microsoft Windows 7 ; Internet Browsers: Microsoft Internet Explorer, Mozilla Firefox, Google Chrome, Opera ; Office Software: Microsoft Office Professional 2013 (Word, Excel, PowerPoint, Publisher, OneNote, and Outlook), OpenOffice, Adobe Reader XI, PDF Creator ; Graphics: Paint.net, MS Paint, IrfanView, GIMP ; Media players/viewers: Roxio MyDVD, VLC, QuickTime, Windows Media Player, iTunes, Spotify, Audacity ; Other Applications and Utilities: Google Earth, OverDrive Media Console, Notepad++, Java 8, ImgBurn. AVAILABLE FOR CHECKOUT ONLY TO IOWA CITY RESIDENTS AND RESIDENTS OF AREAS COVERED BY CONTRACTS FOR SERVICE (HILLS, LONE TREE, UNIVERSITY HEIGHTS, AND RURAL JOHNSON COUNTY, IA)
Local Subj	Audiovisual equipment. AV equipment.
Subject	Laptop computers.
Alt Author	Lenovo.
Alt Title	ThinkPad ThinkPad laptop Think Pad Lenovo ThinkPad T550

Circulation Policy

- Checks out for 1 week
- Holds Maybe be placed
- $5/ day late fee
- Under 18: signed consent form
- Laptops available from our main help desk

Laptop Refresh

System for Resetting laptop

Custom System based on Clonezilla

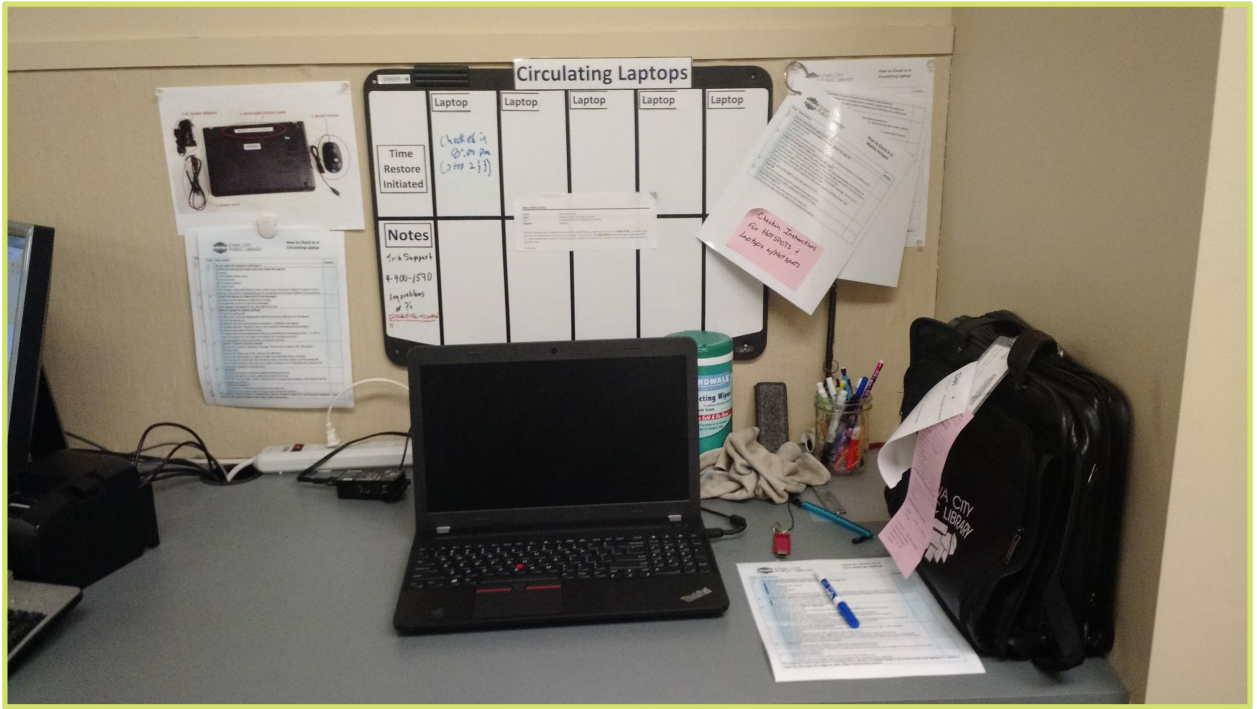
- Key Points
  - Each Laptop has 2 partitions (1 for Windows OS, 1 Linux to store OS image)
  - Each laptop stores a copy of its image
  - Thumb drives contain a live version of Xubuntu
  - Script to Image OS partition is installed on the thumb drive

Powered by Clonezilla

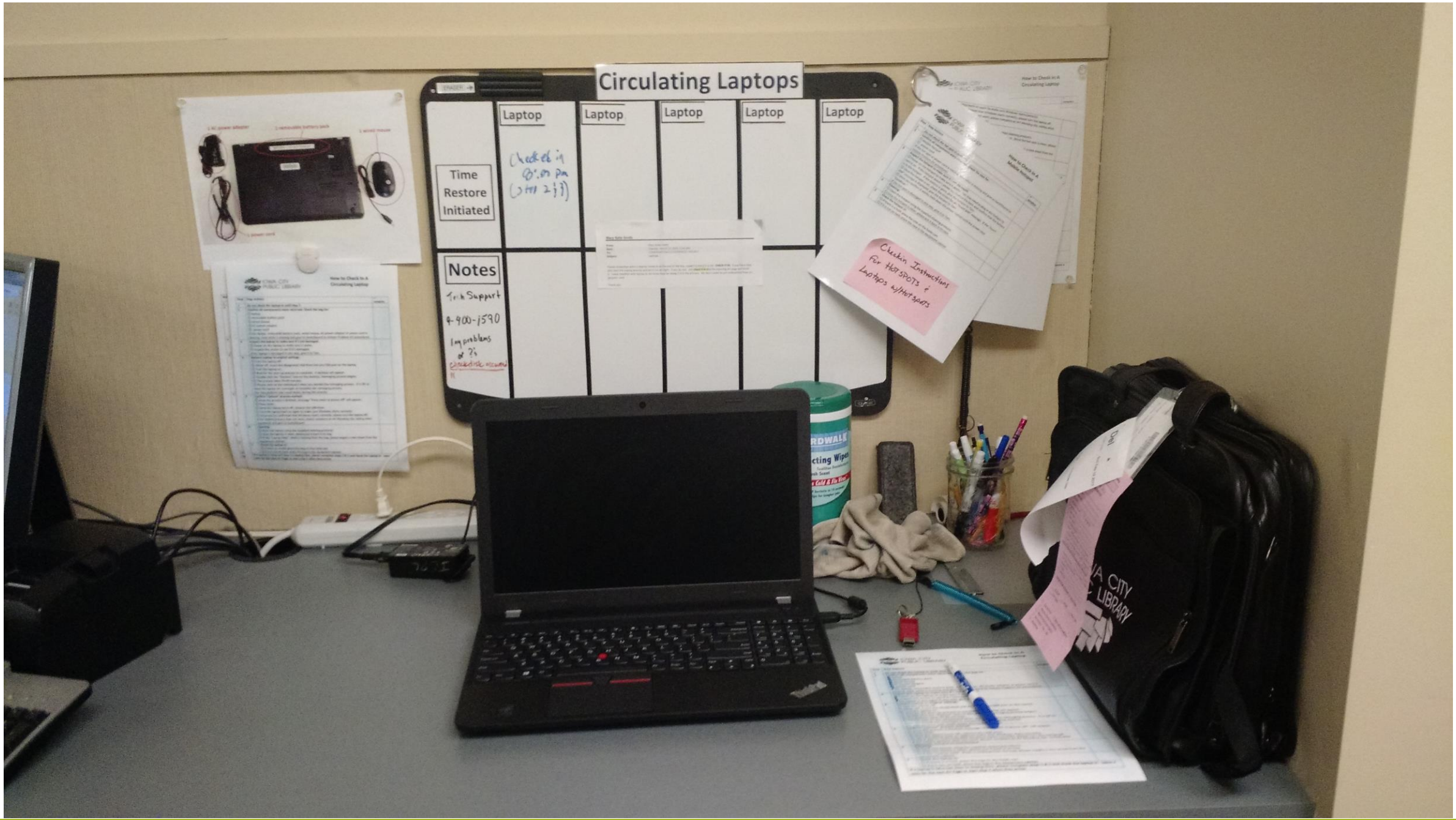
Laptop Refresh: staff procedure

1. Turn Laptop on, Visual Inspection, (make sure it works)
2. Shut Down
3. Plug in Red Thumb Drive
4. Power On
5. Click Restore Button
6. When Done, Restart

* Don't check it in until ready.



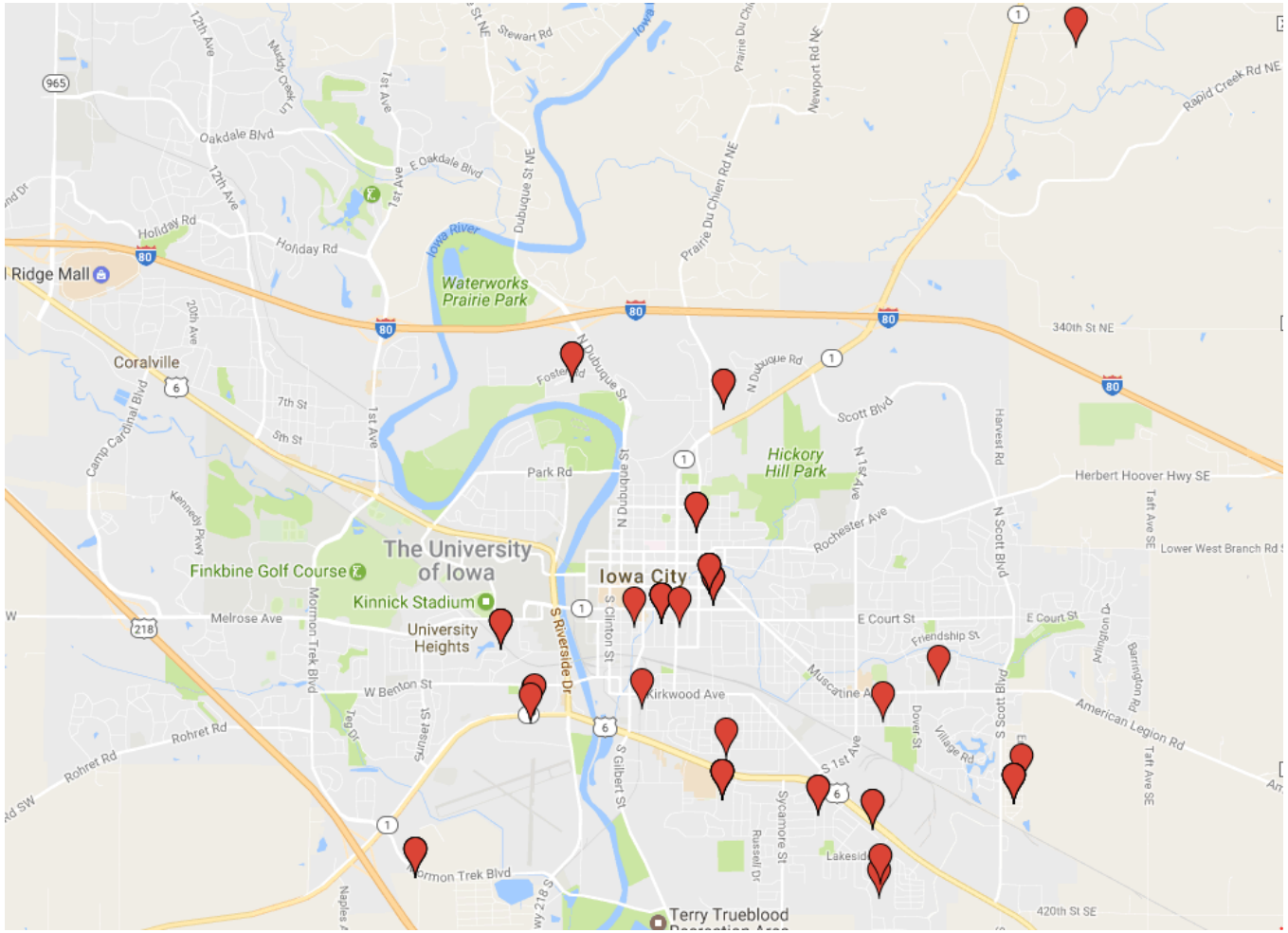
Staff Check-in Station


Circulating Laptops
Laptop
Laptop
Laptop
Laptop
Laptop
Time Restore Initiated
Notes
Tech Support
Checkin Instructions for HOTSPOTS & Laptops w/Hotspots

Maintenance: Periodic Software Updates

1. Put all the Laptops on Hold using Staff Card
2. Move Holds to top of queue
3. Update software (Windows Updates, Browsers, plugins, adobe, Java etc).
4. Save a copy of the backup
5. Save an image of the OS back to the linux partition
6. Release it back into the wild

Circulation Stats (Sampled – 1st 7 weeks)



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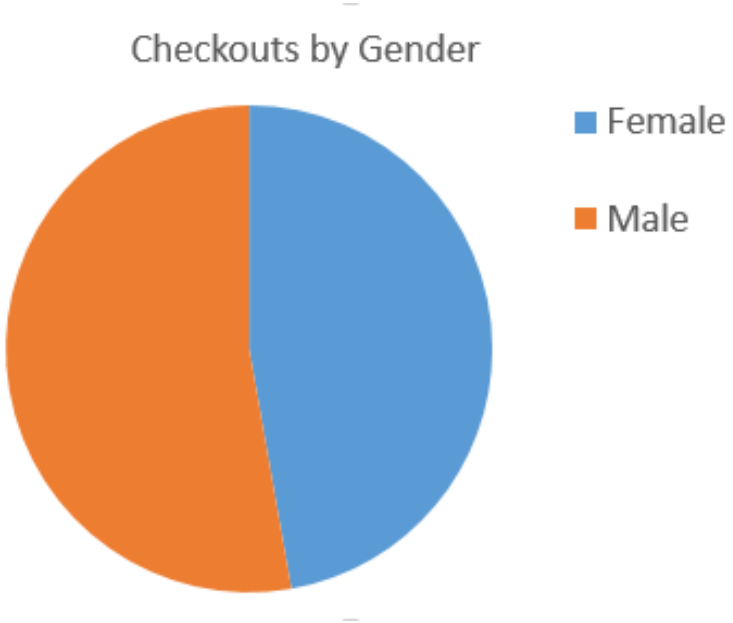
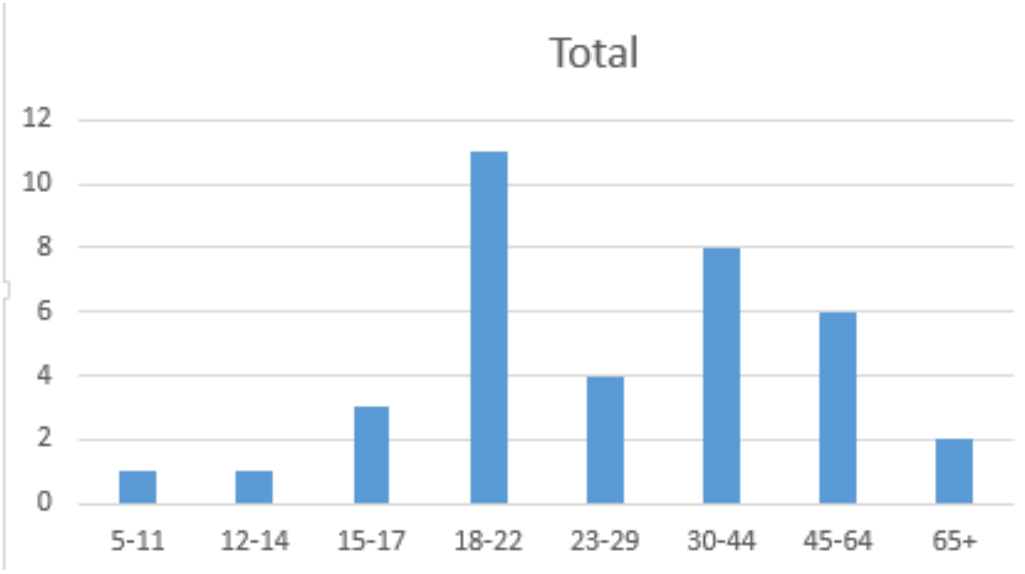




Timeline

- March 1st, 2016: Begin Circulating laptops (5 Laptops)
- May 12, 2016: Add 5 More laptops
- January 30, 2017: Add 7 hotspots and 3 "Bundles"

Total:

301 laptop circs

15 hotspot Circs

3 laptops not returned

Circulating Hotspots

- 3 bundled with laptops
- 7 circulating individually

Franklin Wireless R850 4G LTE

mobilebeacon®

4G Internet Access. 4 Nonprofits. 4 Less.

- Up to 11 hotspots per fiscal year
- $5 per hotspot, $10/month unlimited data
- Sprint network
- QOS

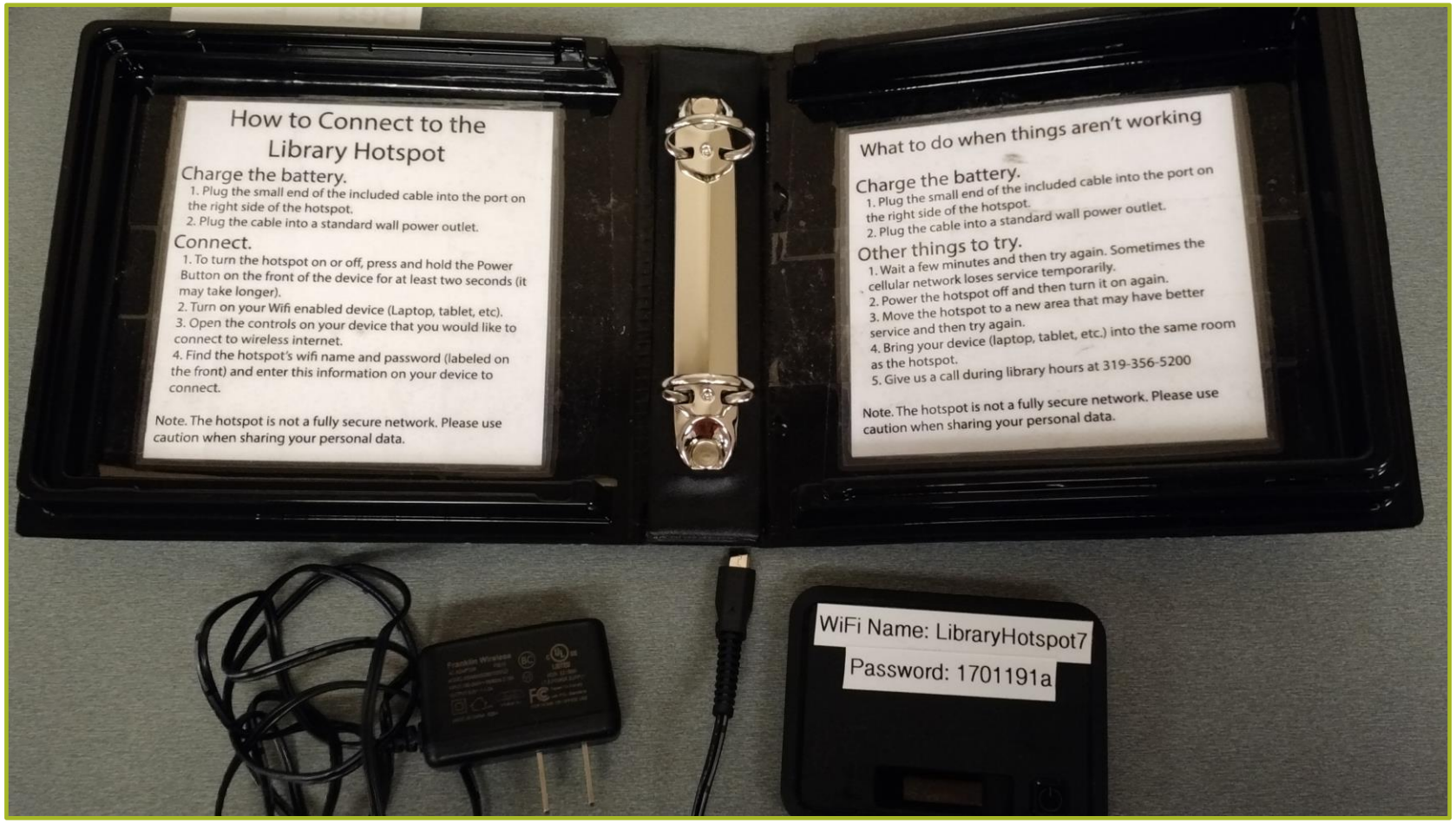
i3 internet inclusion initiative *by Mobile Beacon*

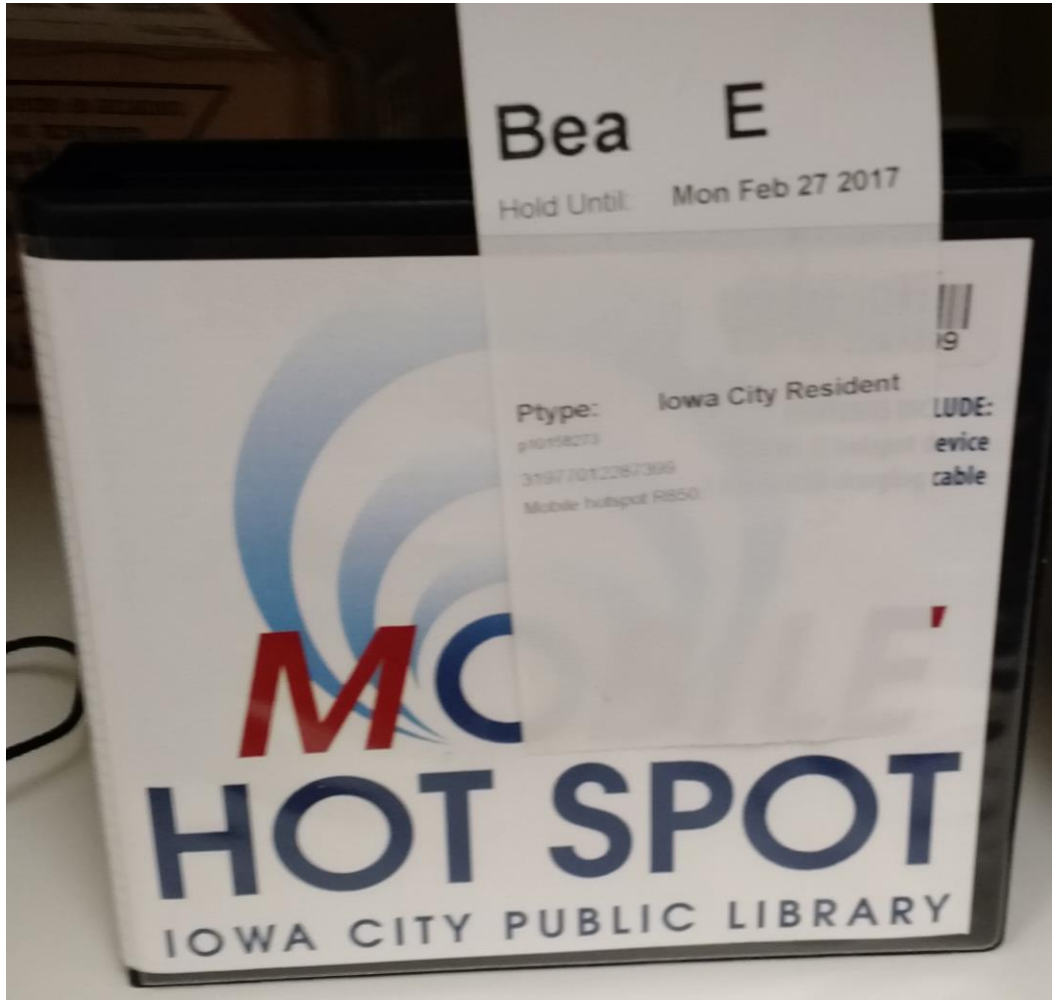
techsoup Partner Program

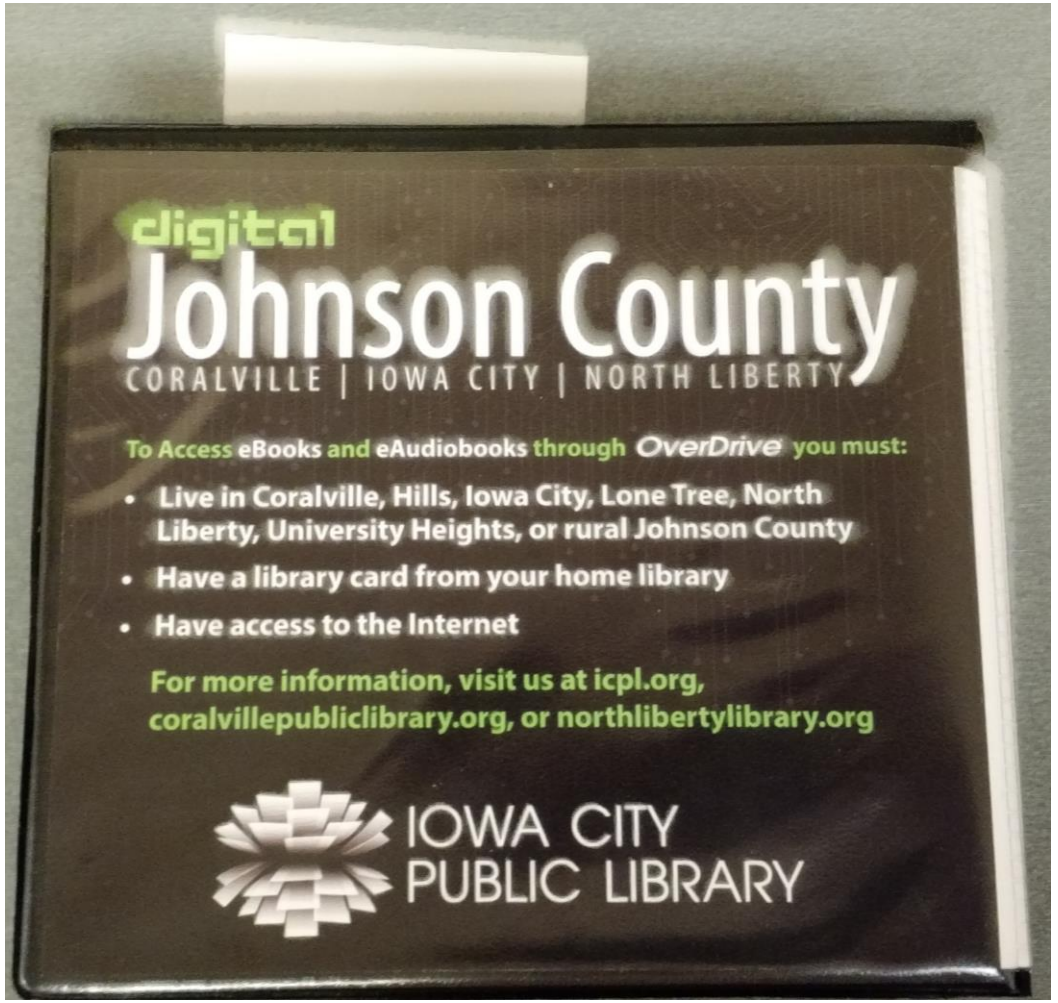
Provider Alternative

- Provider for large urban libraries (NYPL, CPL)
- Minimum Number of Hotspots
- Different Data Plans (hotspots are free)
- Offer more customized services (cases, branding etc)

What's In the Case




Bea E
Hold Until: Mon Feb 27 2017
Ptype: Iowa City Resident
HOT SPOT
IOWA CITY PUBLIC LIBRARY


digital
Johnson County
CORALVILLE | IOWA CITY | NORTH LIBERTY
To Access eBooks and eAudiobooks through OverDrive you must:
• Live in Coralville, Hills, Iowa City, Lone Tree, North Liberty, University Heights, or rural Johnson County
• Have a library card from your home library
• Have access to the Internet
For more information, visit us at icpl.org, coralvillepubliclibrary.org, or northlibertylibrary.org
IOWA CITY PUBLIC LIBRARY

Circulation Policy

- 7-day checkout,
- no renewals
- Fine=$1.00/day
- no age restriction

Hotspot Procedures

- Check-in procedure
- Canceling service
- Tech support

Documents

http://bit.ly/2mMs8Kp

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