

5-8-2015

# The Nine Circles of Surveillance Hell: An Institutional View of Information Flows and Information Threats in Libraries

Seeta Peña Gangadharan  
*Open Technology Institute*

Bonnie Tijerina  
*Data & Society Research Institute*

Follow this and additional works at: [http://academicworks.cuny.edu/lacuny\\_conf\\_2015](http://academicworks.cuny.edu/lacuny_conf_2015)

 Part of the [Library and Information Science Commons](#)

## Recommended Citation

Gangadharan, Seeta Peña and Tijerina, Bonnie, "The Nine Circles of Surveillance Hell: An Institutional View of Information Flows and Information Threats in Libraries" (2015). *CUNY Academic Works*.  
[http://academicworks.cuny.edu/lacuny\\_conf\\_2015/9](http://academicworks.cuny.edu/lacuny_conf_2015/9)

This Presentation is brought to you for free and open access by the Library Association of the City University of New York at CUNY Academic Works. It has been accepted for inclusion in LACUNY Institute 2015 by an authorized administrator of CUNY Academic Works. For more information, please contact [AcademicWorks@cuny.edu](mailto:AcademicWorks@cuny.edu).

**Seeta Peña Gangadharan, Senior Research Fellow, New America's Open Technology Institute  
Bonnie Tijerina, Research Fellow, Data & Society Research Institute  
"An Institutional View of Information Flows and Information Threats in Libraries"**

**Privacy and Surveillance: Library Advocacy for the 21<sup>st</sup> Century  
New York, NY  
May 8, 2015**



# ANALOG ERA

**Library**

<--circulation-->

<--face-to-face-->

**Patron**

# TIMELINE

**1960:** MARC—Machine-readable cataloging system launches. Standardizes the digital formats for materials catalogued by libraries. |

**1967:** The OCLC is established, connecting library databases. OCLC maintains the largest online public access catalogue in the world, Worldcat. |

**1983:** Dynix Automated Library System developed to replace physical card catalog system and tracking of materials from library to patrons. |

**1991:** American Library Association establishes policy on the protection of personally identifiable information. |

**2003:** American Library Association passes a resolution opposing sections of the USA Patriot Act and supporting patron privacy. |

**2006:** National Security Letter request from FBI to "Connecticut Four" dropped. |

---

**1960:** John F. Kennedy elected president of the United States. |

**1966:** Experiments with ARPANet, precursor to the modern-day Internet, launches. |

**1972:** Email is invented by Ray Tomlinson. |

**1974:** Vint Cerf and Roy Kahn use the term "Internet" for the first time. |

**1989:** Tim Berners-Lee creates the World Wide Web (including http). |

**1991:** World Wide Web launches publicly. |

**1994:** Netscape creates SSL protocol, to secure traffic flows on the Internet. Netscape also creates the http cookie, which |

**1998:** Blogs first appear. |

**2001:** Attacks by Al-Qaeda on World Trade Center and Pentagon. |

**2002:** Passage of USA Patriot Act. |

**2011:** Microsoft Advertising implements, though later stops using, supercookies. (Others, like AT&T and Verizon, pick up the trend later.) |

# DIGITAL ERA

<--Face-to-Face-->

<--Integrated  
Library Systems-->

<--Communication  
Infrastructures-->

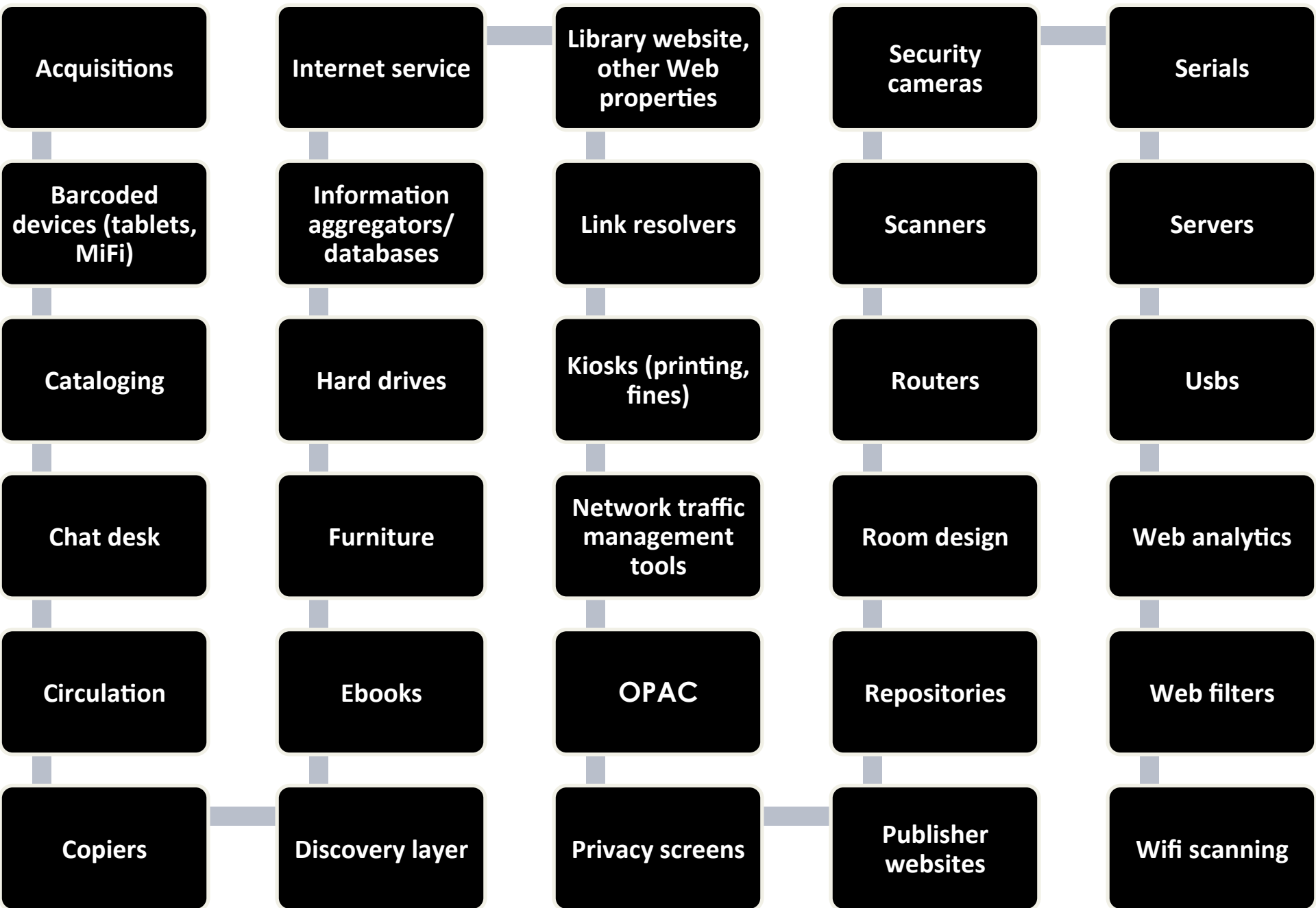
<--Computer  
Access-->

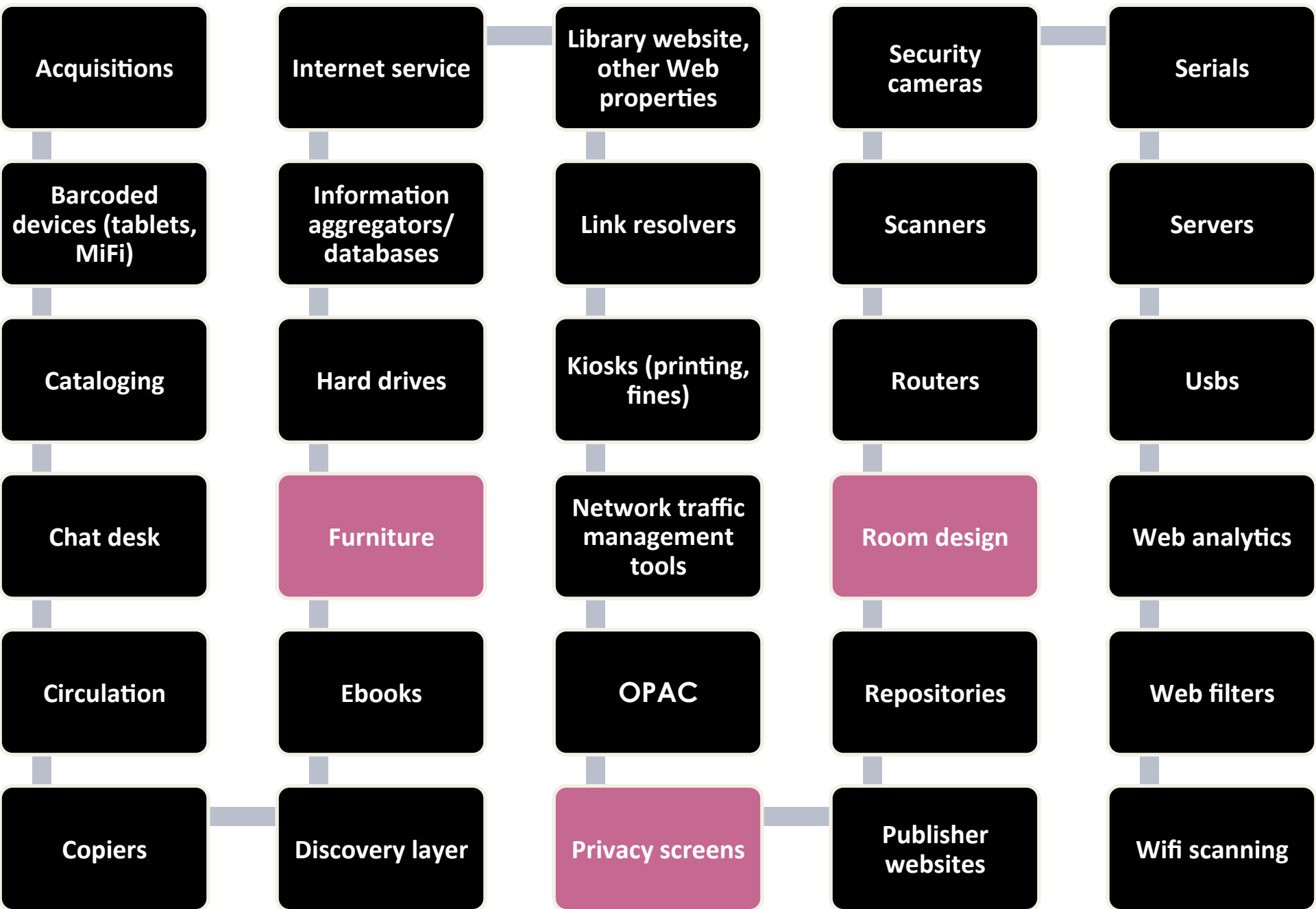
<--Peripherals  
Access-->

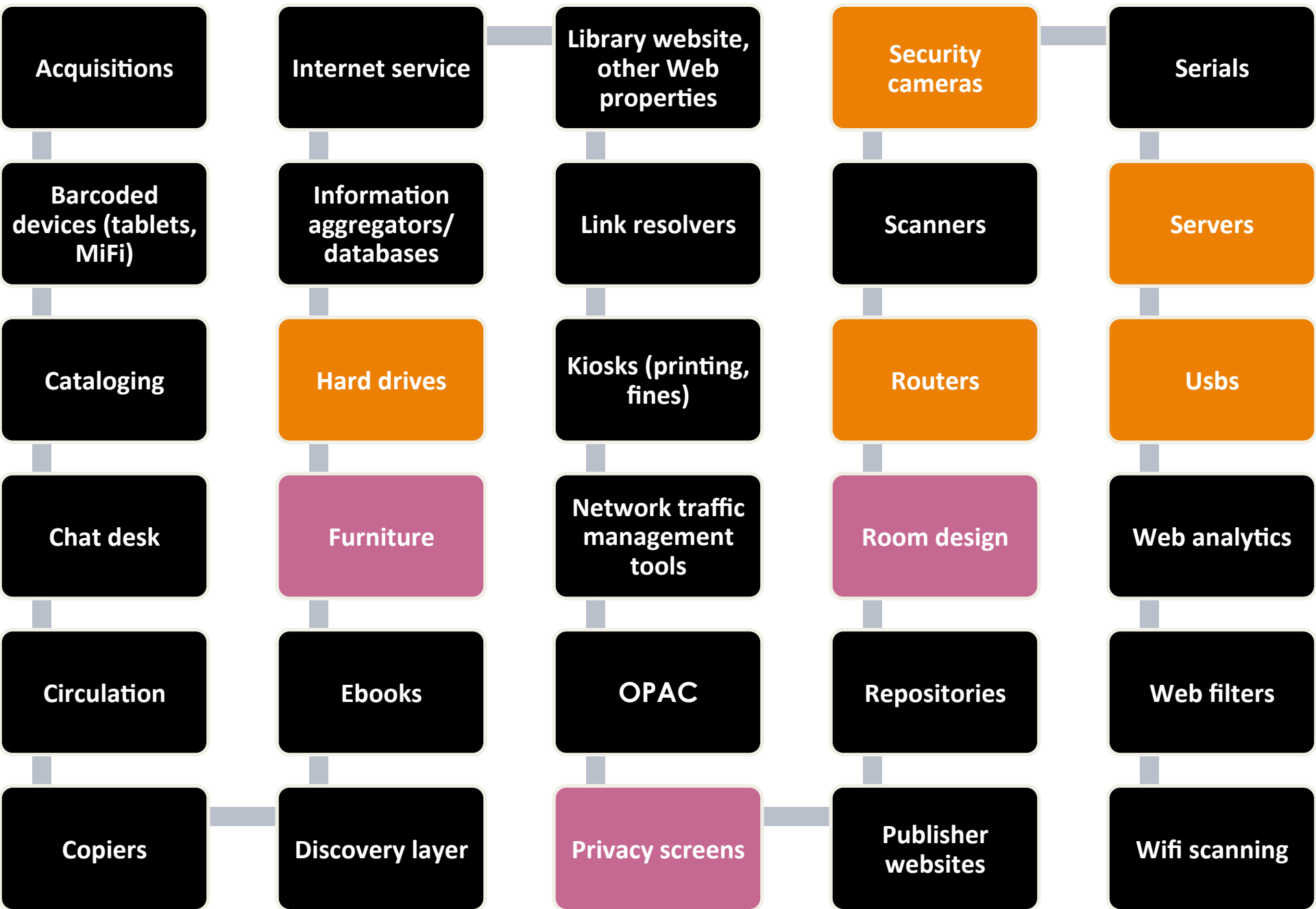
<--Network  
Management  
Tools-->

**Library**

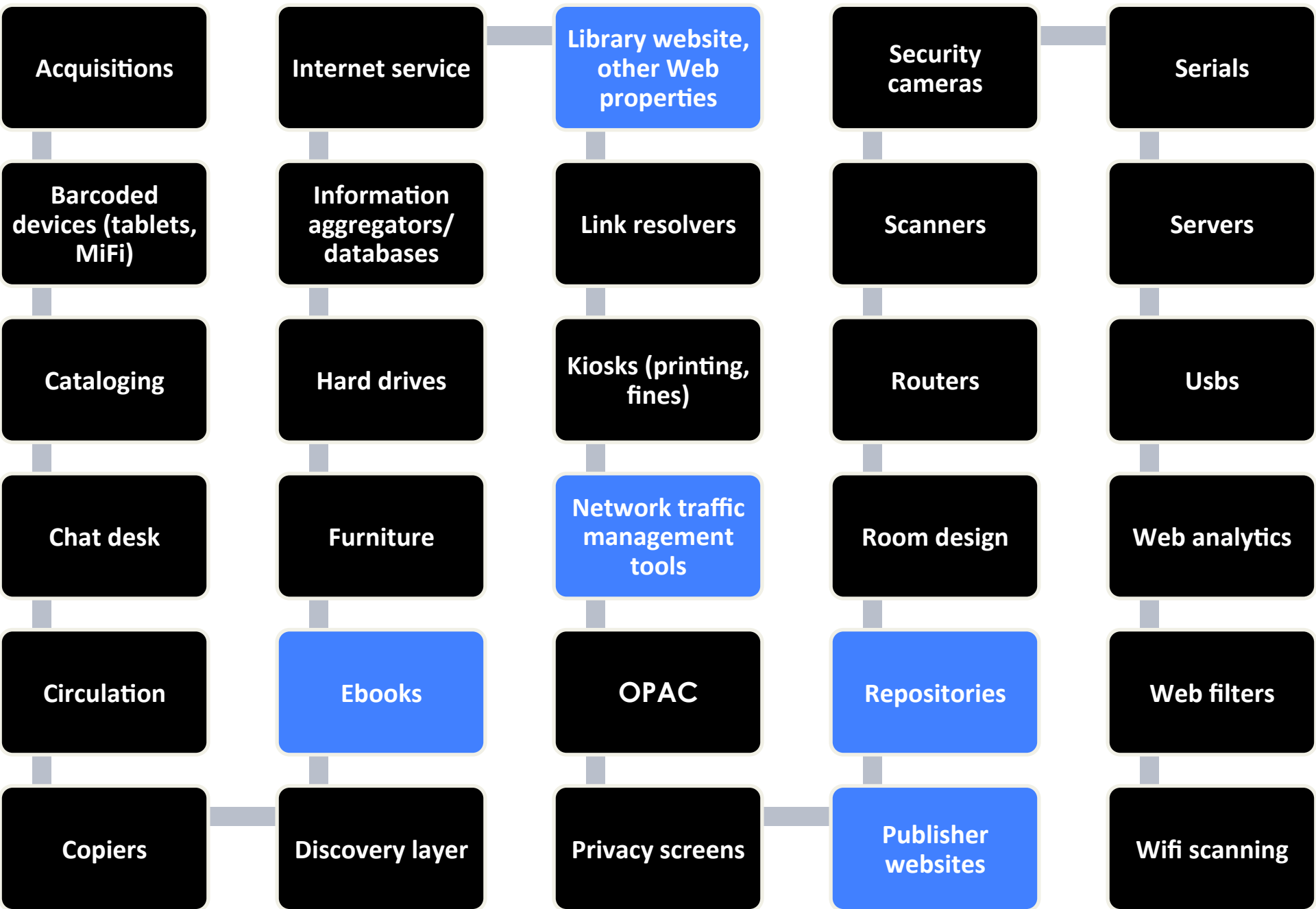
**Patron**











# **SOLUTIONS**

**Model Contracts**

**Terms of Service**

**Disclosure, Transparency  
Guides**

**Patron Education**

**Professional Development**

**Procurement Guides**

**Other Best Practices**

**PRINCIPLES**

# REFERENCES

- American Library Association. (2002, June 19). Privacy: An Interpretation of the Library Privacy Bill of Rights. Retrieved from <http://www.ala.org/advocacy/intfreedom/librarybill/interpretations/privacy>
- American Library Association Exhibit, Century 21 Exposition. (1962). Retrieved June 16, 2015, from <http://digitalcollections.lib.washington.edu/cdm/ref/collection/seattle/id/2391>
- Cowan, A. L. (2006, May 31). Four Librarians Finally Break Silence in Records Case. *The New York Times*. Retrieved from <http://www.nytimes.com/2006/05/31/nyregion/31library.html>
- Dynix (software). (2014, November 2). In *Wikipedia, the free encyclopedia*. Retrieved from [https://en.wikipedia.org/w/index.php?title=Dynix\\_\(software\)&oldid=632199040](https://en.wikipedia.org/w/index.php?title=Dynix_(software)&oldid=632199040)
- Internet Hall of Fame. (2012). Timeline. Retrieved from <http://www.internethalloffame.org/internet-history/timeline>
- Nissenbaum, H. F. (2010). *Privacy in context: Technology, policy, and the integrity of social life*. Stanford, CA: Stanford Law Books.
- Sharpe, S. (2008). *A timeline of events in the history of libraries*. Presented at the Foundations in Library and Information Science. Retrieved from <http://www.slideshare.net/sharpe3/a-timeline-of-events-in-the-history-of-libraries>