

State of Technology in Libraries

An overview of the technology that libraries should consider implementing in the coming year

Libraries & Technology



Libraries have been adapting for quite some time. From VHS to DVD's, computers, ebooks. Now more than ever, we are continuing to transition to more digital forms of information access and retrieval.

What is the Strategy for Providing Digital Service to Patrons?

- ✿ *Our services need to not only provide information, but also provide the means to receive that information & entertain users*
- ✿ *Technology is the means to provide a “Conduit of Information”*
- ✿ *Take into account ALL members of the community when planning a “Technology Acquisition Strategy”*
- ✿ *That strategy must also think about technology that can be circulated and taken outside the library*



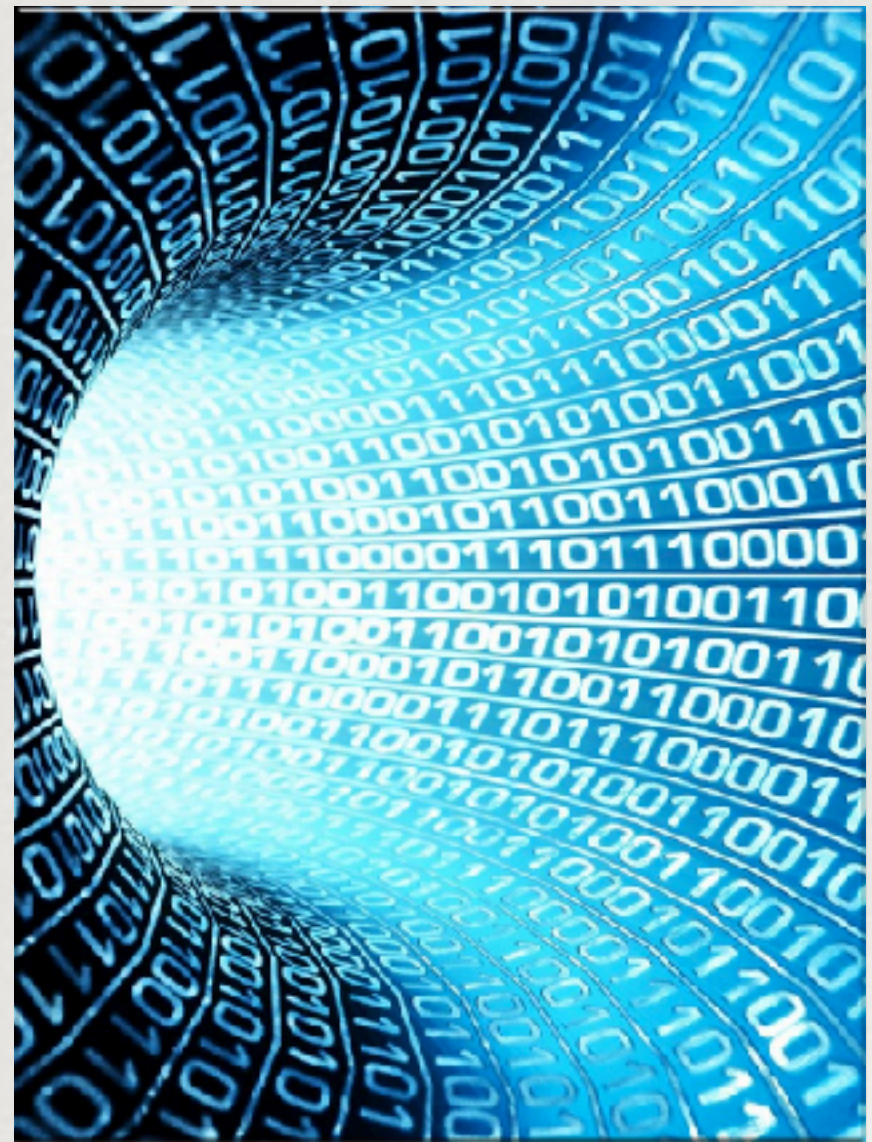
What Digital/Technology Services Should Libraries be Providing in 2017



- ✿ *Public access to the Internet (with computers & Wi-Fi)*
- ✿ *Printing from public access computers*
- ✿ *Document scanning*
- ✿ *Databases*
- ✿ *E-books*
- ✿ *E-readers - circulating to patrons*
- ✿ *Tablets (iPad and/or Android)*

Entertainment is Part of the “Conduit of Information”

- ✿ *Fiction works have been a form of entertainment for library patrons as much as nonfiction has been a source of education.*
- ✿ *New Technologies perform the same tasks*
 - ✿ *E-Readers (Nooks, original Kindles, PaperWhite, Fire, iPads & Android tablets)*
 - ✿ *Smart TV technology (Roku Stick, Kindle Fire Stick, Google Chromecast)*
 - ✿ *Streaming services such as Hoopla*



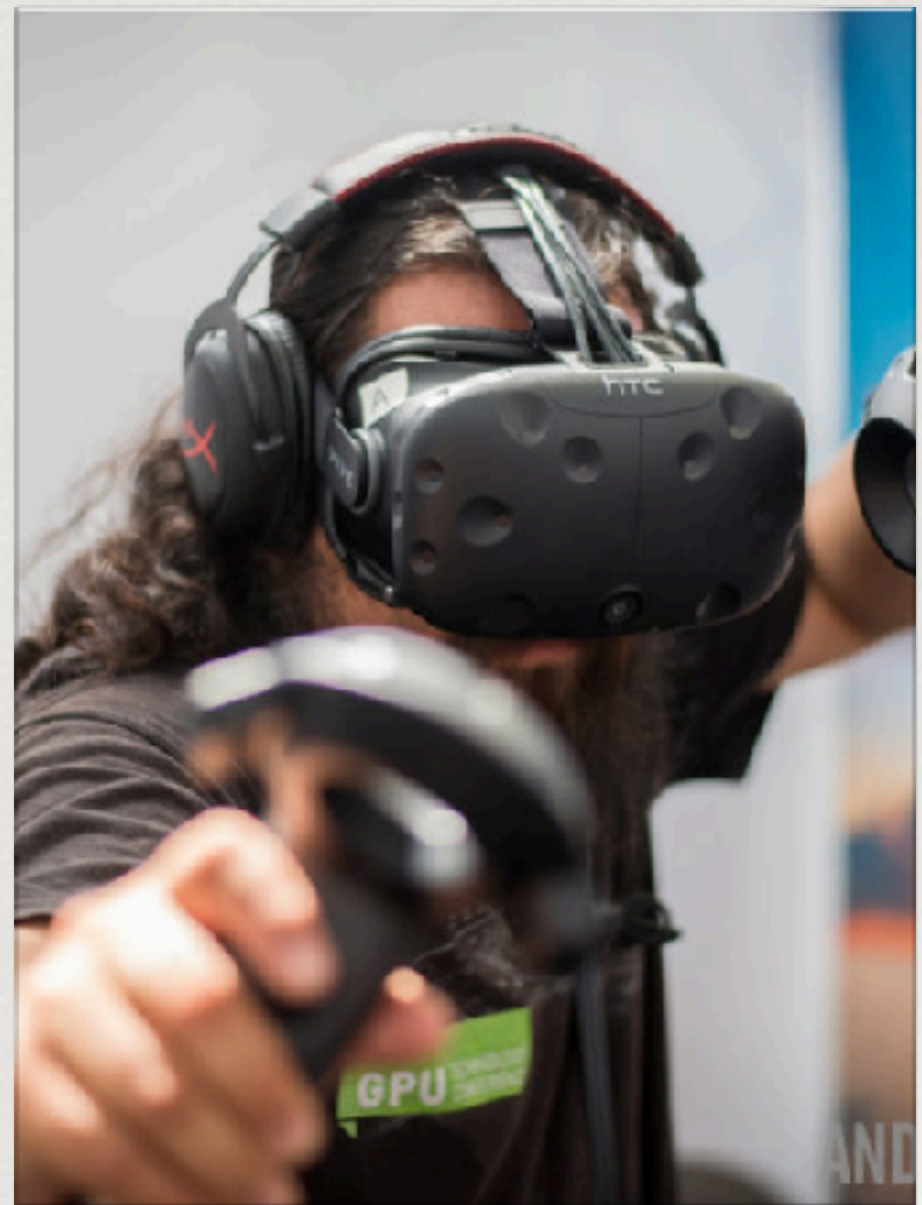
iPads & Android Tablets



- ✦ *Browse the web - tied into the public Wi-Fi*
- ✦ *Photography and photo editing*
- ✦ *Streaming entertainment (Hoopla, Netflix, YouTube, etc)*
- ✦ *Streaming events and classes*
- ✦ *Gaming in Children's & Teen Departments*
- ✦ *Act as controllers for other peripheral technology*
- ✦ *The list is as infinite as the Apps available for them*

Making in the Library

- ✿ *3D printing - more affordable than ever*
- ✿ *3D scanning*
- ✿ *Virtual reality - Google Cardboard to HTC Vive*
- ✿ *Raspberry Pi & Arduino Kits*
- ✿ *Green screens*
- ✿ *LittleBits*
- ✿ *PC/MAC compatible drawing Wacom tablets w/ software*
- ✿ *Sewing machines*



Digital Signage



- ✿ *Newest way to get the word out*
- ✿ *Flat panel displays are affordable & over time defray the cost of poster printing*
- ✿ *Can display multiple messages in one package, saving space and resources*

Suffolk's Lending Library - Try It Before You Buy It!

- ✿ SCLS has many electronic resources for member libraries in Suffolk
 - ✿ VR
 - ✿ 3D Printing
 - ✿ Green Screen
 - ✿ Outdoor Movie Screen
 - ✿ Ozobots
 - ✿ LittleBits
 - ✿ Overdrive Media Station
 - ✿ Wifi Hotspots

Nassau Library System

NLS lends resources as well:

- ✿ 2 iPads
- ✿ Android Tablets
- ✿ Projector and laptop for presentations
- ✿ Wii with assorted game controllers and game titles
- ✿ Board games
- ✿ Roulette wheel
- ✿ Maker Kits which include:
 - ✿ LittleBits
 - ✿ Strawbees
 - ✿ Ozobots
 - ✿ Rigamajig Jr.
- ✿ NCLS is developing their collection, so stay tuned!

Technology Marches Forward

- *Technology continues to progress.*
- *Libraries will have to adapt and keep up with changing technology*
- *No one library can do it all, so pick what works for your community and build on that principle*



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