

SIP2 Gadgets

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Grand Forks Public Library

What is a gadget



Dictionary

Gadget



gadg·et

/ˈɡæjət/ A small speaker icon indicating audio pronunciation.

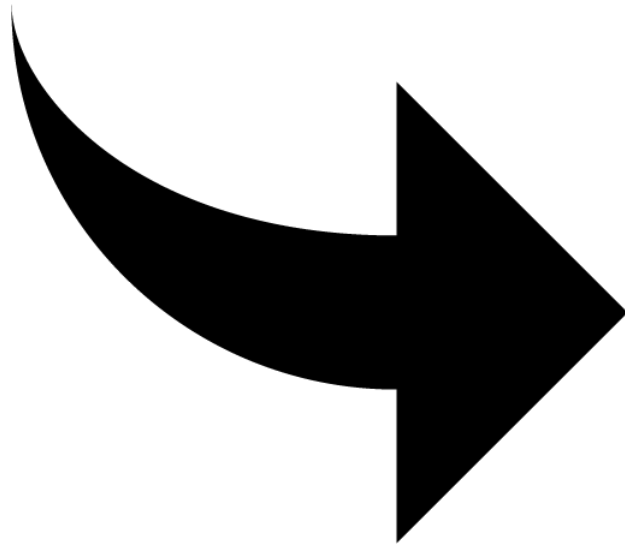
noun

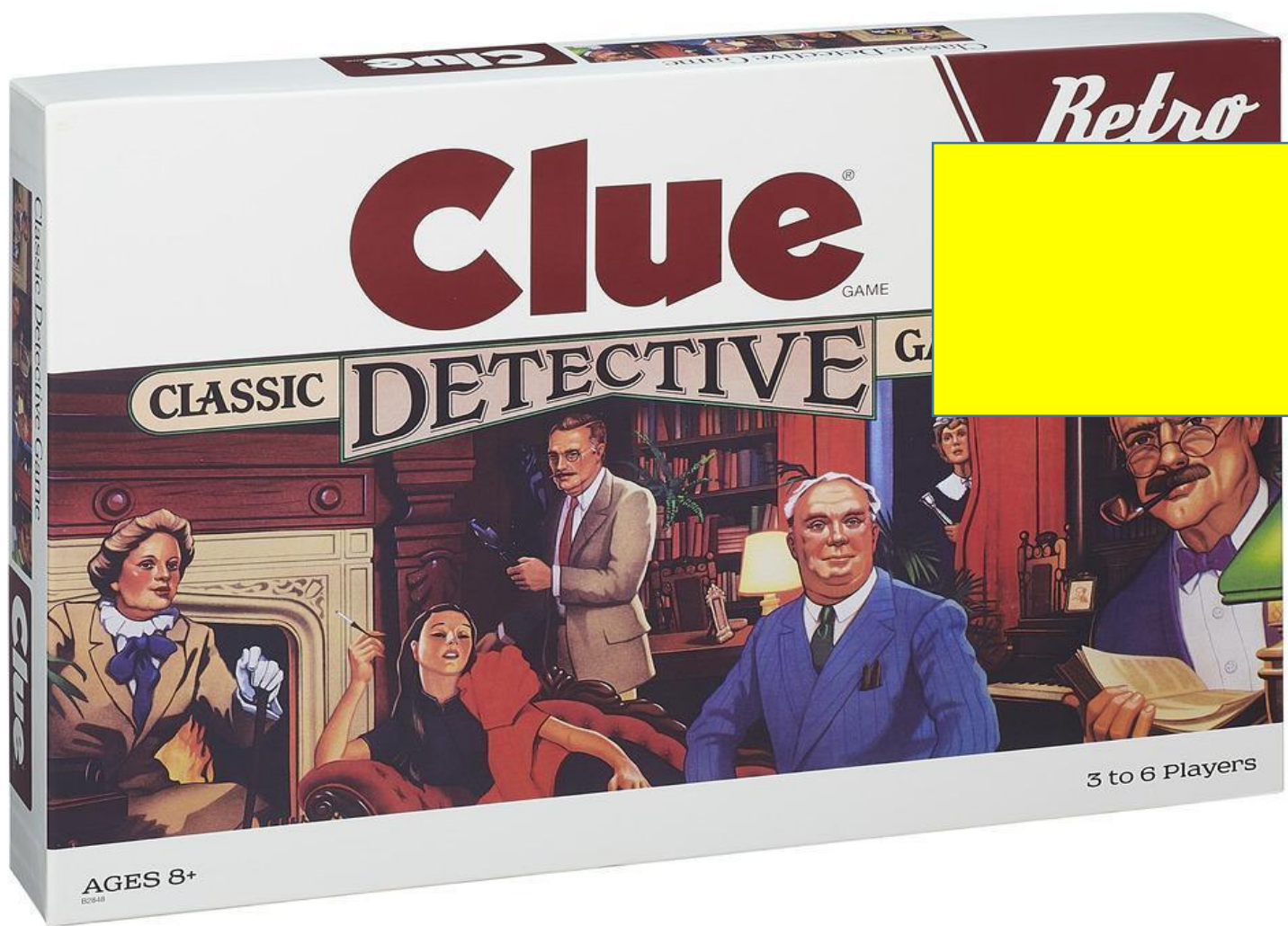
a small mechanical or electronic device or tool, especially an ingenious or novel one.

"a state-of-the-art kitchen with every conceivable gadget"

synonyms: [appliance](#), [apparatus](#), [instrument](#), [implement](#), [tool](#), [utensil](#), [contrivance](#), [contraption](#), [machine](#), [mechanism](#), [device](#), [labor-saving device](#), [convenience](#), [invention](#); [More](#)

This guy







What is a Gadget?

- Something useful
- Something that solves a problem
- It can be made of other things

What is SIP2?



Standard Interchange Protocol



From Wikipedia, the free encyclopedia


Not to be confused with Session Initiation Protocol.


The **Standard Interchange Protocol** is a proprietary standard for communication between library computer systems and self-service circulation terminals. Although owned and controlled by 3M, the protocol is published and is widely used by other vendors.^[1] Version 2.0 of the protocol, known as "SIP2", is a de facto standard for library self-service applications.^[2]

Without SIP2 we would not have self-checkouts.



SIP2 is not a gadget.

SIP2 \neq 

SIP2 = 

Self-Checkouts



Touch Screen DVD Kiosk

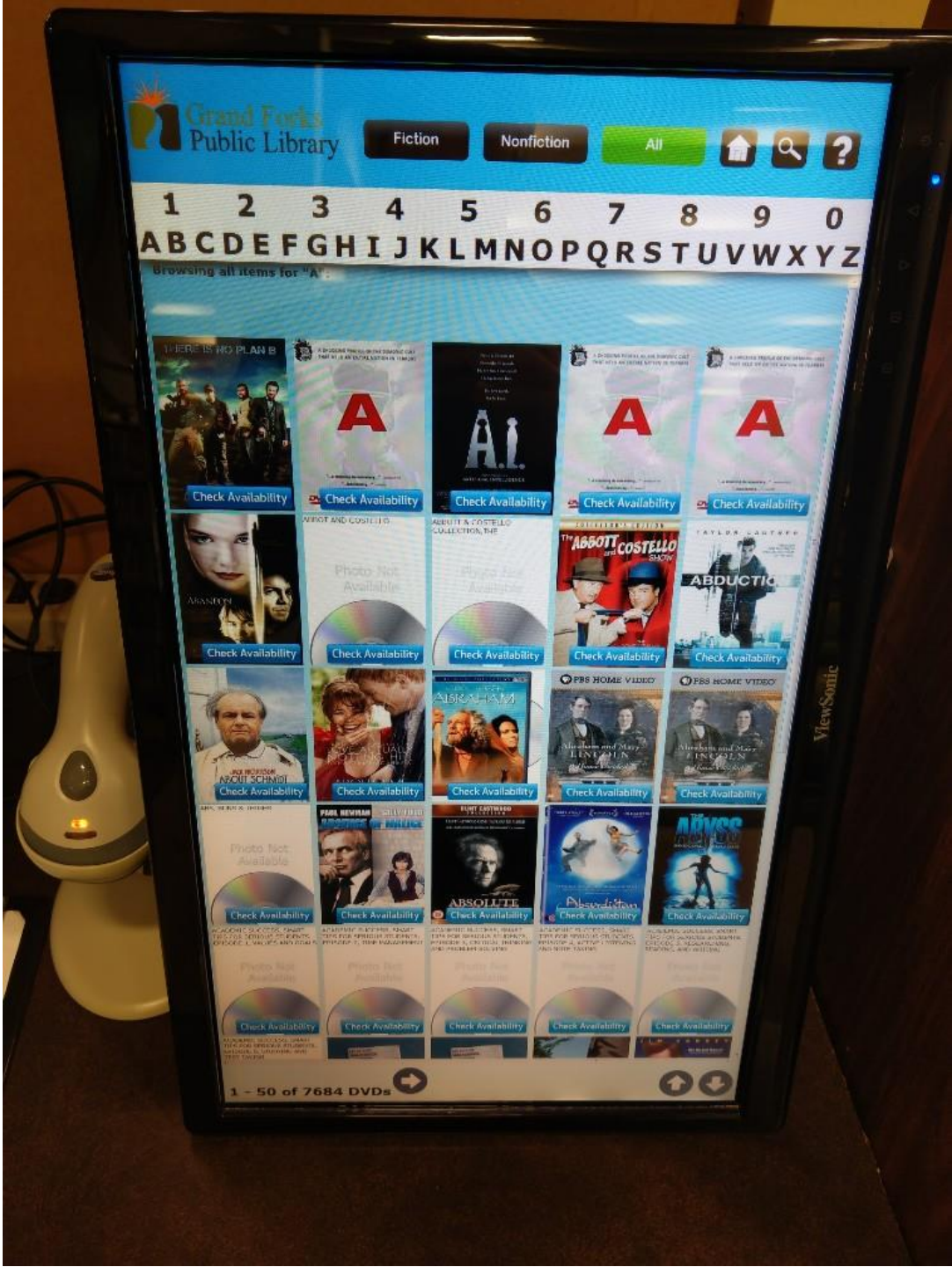
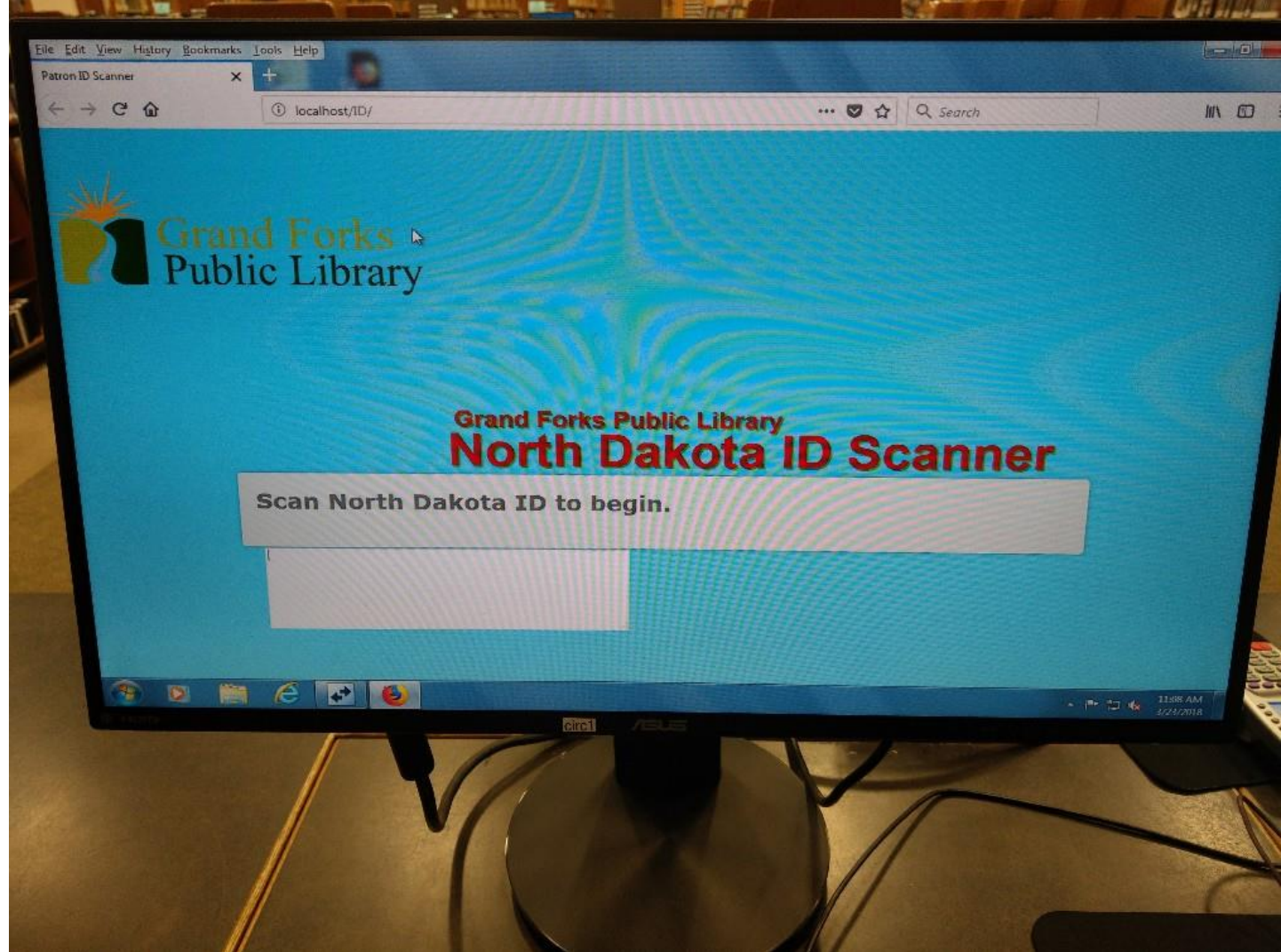


Photo I.D. Scanners



Accept online fines/donations via library card



The screenshot shows the Grand Forks Public Library website. The header features the library's logo and name, along with a search bar. The main navigation bar includes links for 'Search the Catalog', 'My Account', 'Programs and Events', 'Research', and 'Library Info'. A left sidebar contains various service links, with 'Pay Fines Online' highlighted. The main content area displays the breadcrumb trail 'You are here: Home > Feature Links > Pay Fines Online', followed by the title 'Pay Fines with Credit Card or PayPal'. Below this is a 'Payment Agreement' section with a disclaimer. At the bottom, the 'Pay Fines Online' form is visible, featuring a 'Library Card Number' label and a text input field containing 'Card #', with a 'Continue' button below it.

Grand Forks Public Library
Connect, Enrich, Inspire

Search Site Search

Search the Catalog  My Account Programs and Events Research Library Info

Ask a Librarian
Library2Go
Library2Go for Kids
Freegal Music
Online Resources
RB Digital eMagazines
Calendar
Library Services
Mobile Print
Newsletter
LibraryTube
Value of Your Library
Future of the Library Project
Pay Fines Online
Online Donation

 Kids

You are here: Home > Feature Links > Pay Fines Online

Pay Fines with Credit Card or PayPal

Payment Agreement

By using this form, you agree to accept and assume all risks and responsibilities for any losses and damages that may arise from your use of credit card payment and release the Grand Forks Public Library from all liability. The Grand Forks Public Library does not collect or store any personal information, or credit or debit card processing data collected by the credit card payment site. The Grand Forks Public Library is not responsible for any breach of security with respect to data collected or stored by PayPal, nor is the Grand Forks Public Library responsible for PayPal compliance with applicable federal and state laws and regulations. It may take a few days to process payments. \$5.00 dollar minimum credit card transaction.

Pay Fines Online

Library Card Number

Card #

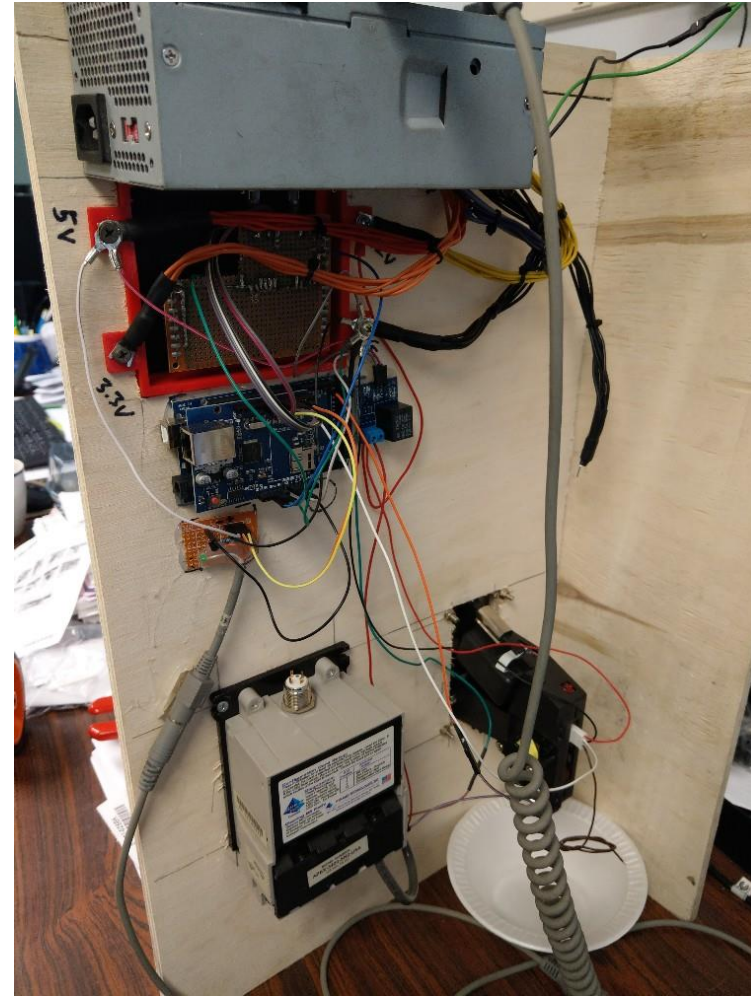
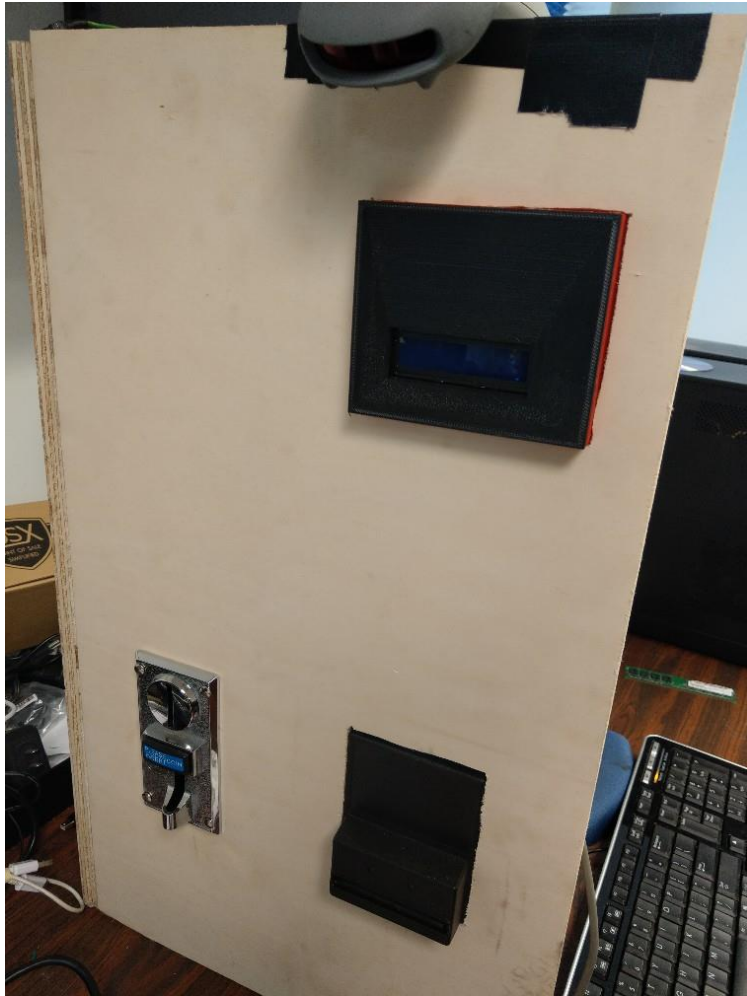
Continue

We can also ~~build~~ **buy** NEW library gadgets:



- Add-Value Station
- Print management
- PC Reservation
- Mobile printing
- Mobile self-checks
- Lots more..

Not all gadgets are successful..



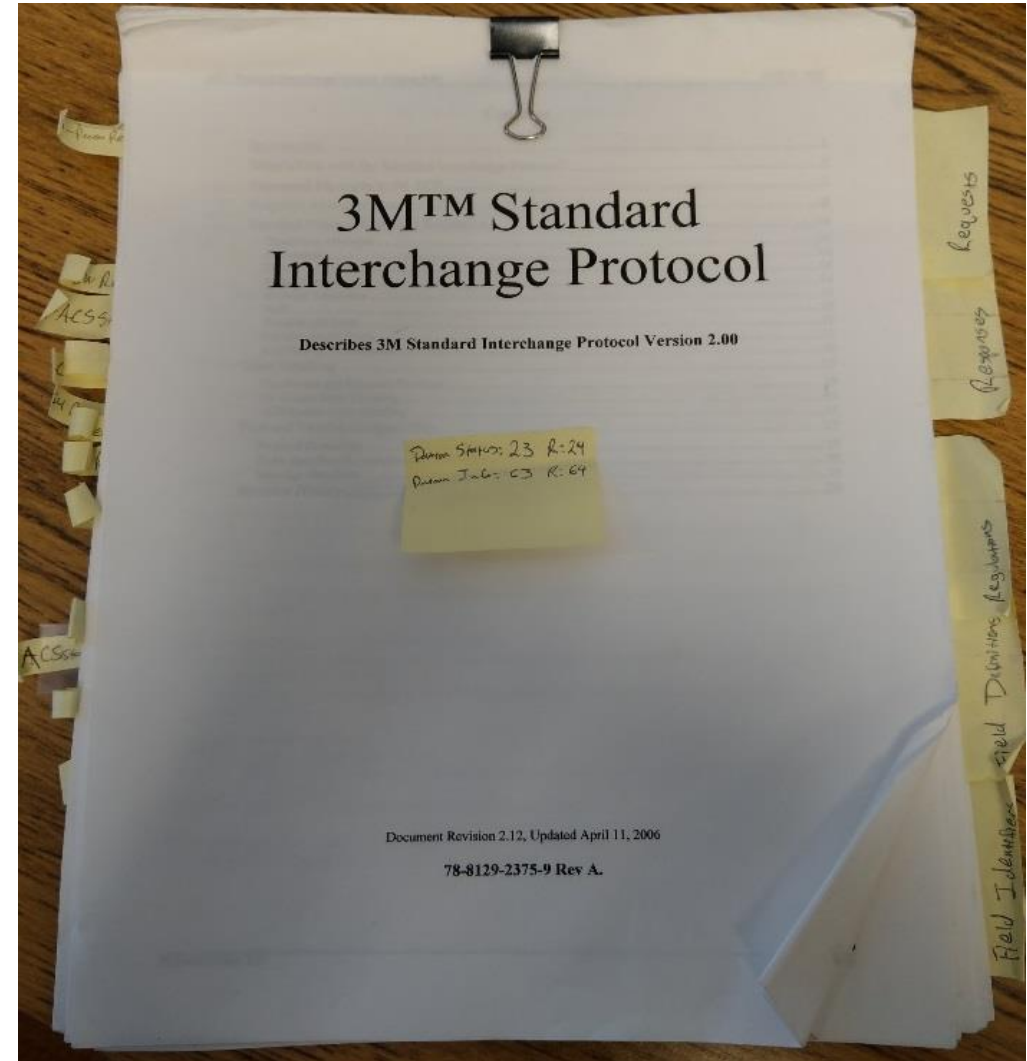
What can SIP2 do?

- Check server status (online/down/maintenance)
- Check patron status by card number (active/inactive)
- Get patron fees, items checked, name, email, address, phone
- Perform checkouts, returns, renewals, and holds
- Request Item information such as availability, barcode, call number
- Enable/Disable security flags
- Build-in error handling

What SIP2 can NOT do..

- Create new patrons
- Override permissions
- Process credit cards
- Not a replacement for ILS
- Not good at troubleshooting problems for patrons
- Can not do your job for you

Where can I learn more about SIP2?



You can't have mine, download your own..
FREE

Short URL:

<https://bit.ly/2HddplQ>

Full URL:

<http://multimedia.3m.com/mws/media/3553610/sip2-protocol.pdf>

Questions?



Thank you!

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