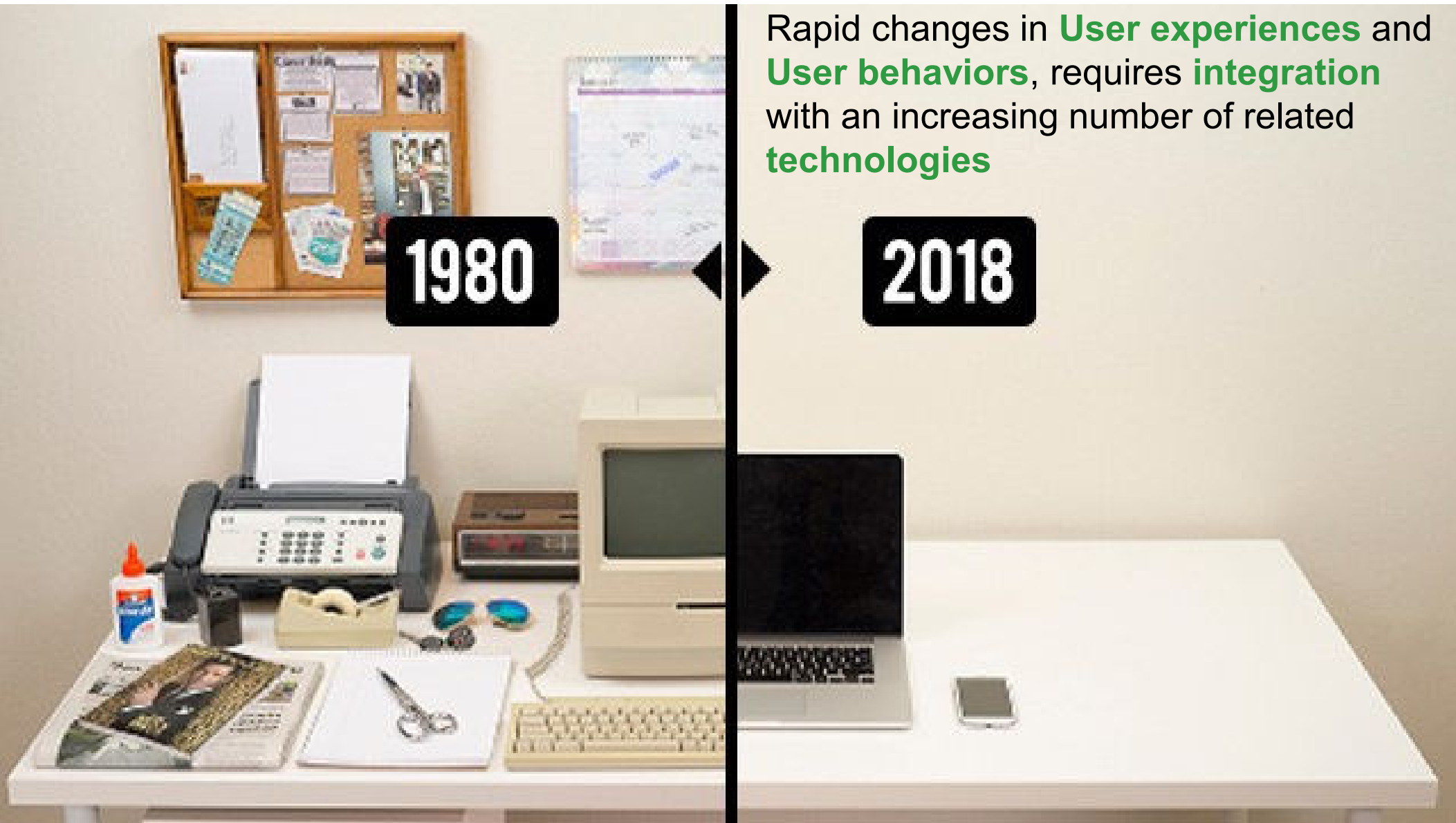


Innovative authentication solutions for libraries and researchers



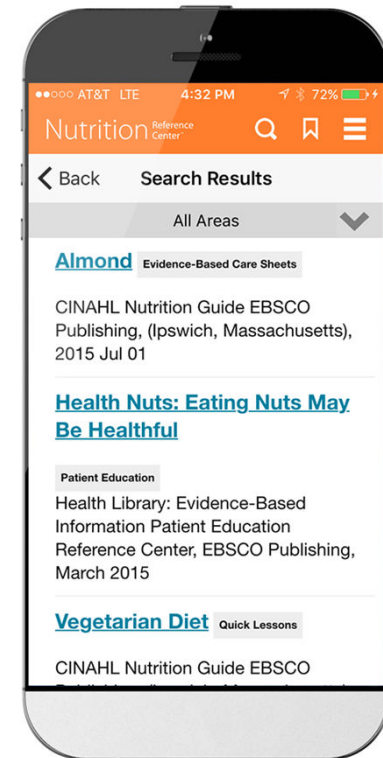
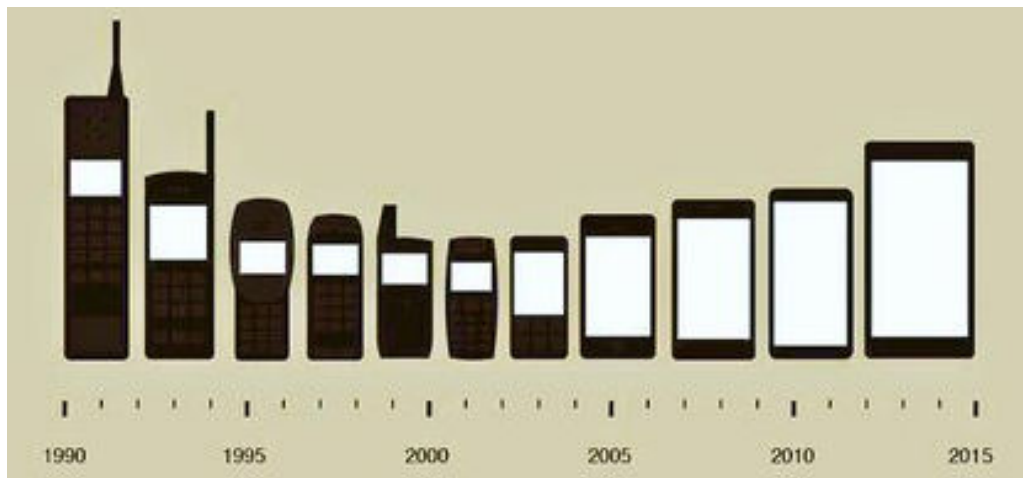


**Identity and access management
plays a critical role in
user experience**



Changing User requirements across this digital era

- **Mobile (remote) access is essential**



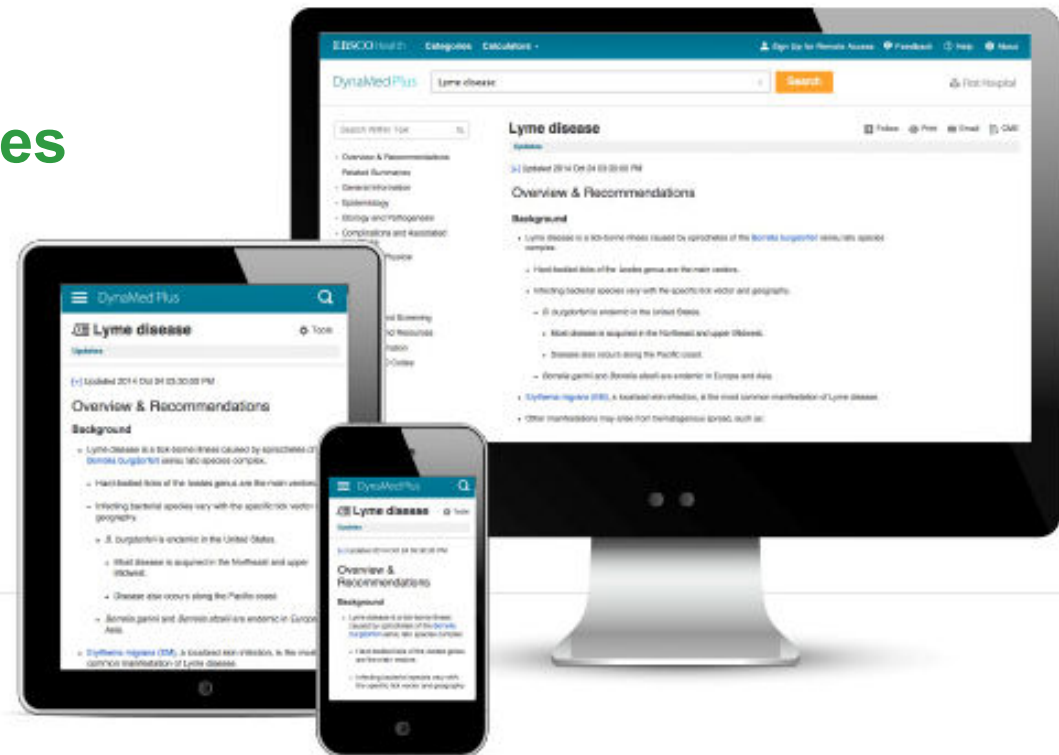
Changing User requirements across this digital era

- Mobile (remote) access is essential
- **Personalisation is expected**



Changing User requirements across this digital era

- Mobile (remote) access is essential
- Personalisation is expected
- **Usage across several devices**



Background



- Rise of the digital libraries
- Users need to be identified as a subscriber
 - IP address for user access within institution
 - Proxy servers for user access outside institution

Background



- IP/Proxy becomes the standard
- Libraries welcome more Technologies:
 - Library website
 - Journal/database discovery service
 - Link resolver

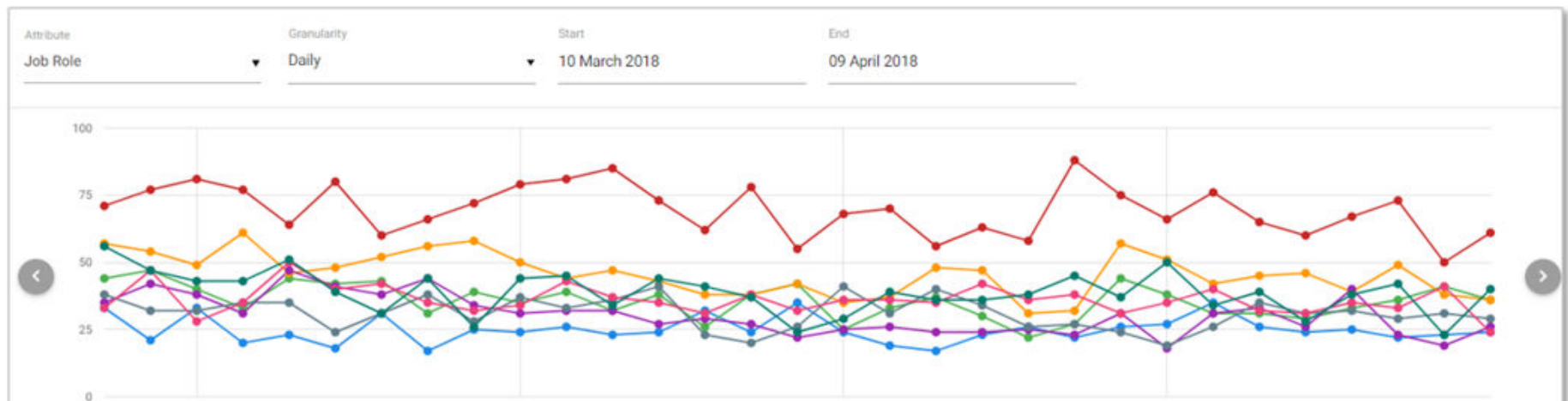
Background



- Federated access is born
- SAML is adopted by vendors and libraries
 - Common secure framework
 - Publishers offer user personalisation
- Portable devices become the status quo
 - Libraries embrace BYOD

Changing Demands within Libraries / Librarians

- More technical applications to maintain
- Integration of different applications
- Control (+ publishers) and insight of e-resources usage



Which authentication method(s) is relevant within your institution? :

IP address

Username & Password

EZproxy

HAN

Shibboleth

VPN

Other, such as...



Can IP/Proxy authentication meet today's requirements?



How old is IP authentication?

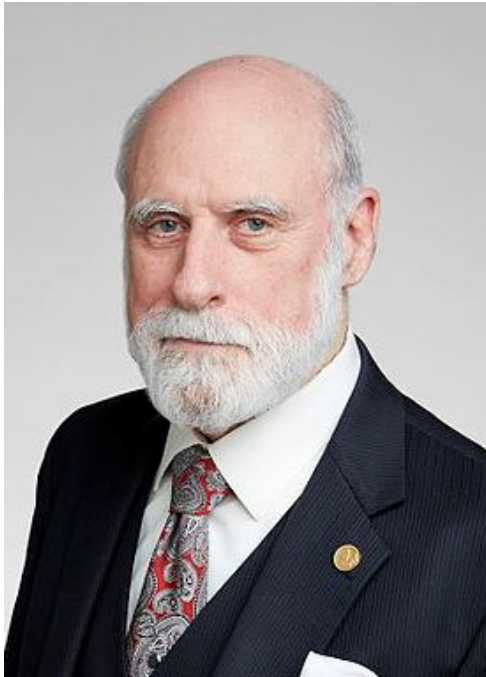
20 years

44 years

15 years

1974

Vint Cerf and Bob Kahn invented TCP/IP



IP authentication?

150.158.198:80
150.158.198:80
150.158.198:80

authenticate

VERB

[WITH OBJECT]

- 1 Prove or show (something) to be true, genuine, or valid.

‘they were invited to authenticate artefacts from the Italian Renaissance’

+ More example sentences

+ Synonyms

- 1.1 *Computing* [no object] (of a user or process) have one's identity verified.

‘it only accepts commands from users who have authenticated as ‘clients’’

+ More example sentences

IP recognition

150.158.198:80
150.158.198:80
150.158.198:80

IP Recognition in one overview...

Advantages	Disadvantages
No ID Verification required	Personal experience/environment is not possible
When on site, no need to login	Access from outside is difficult (SSL-upgrades, user must use special link)
Well known autorisation method	Not developed for authentication
Easy to create access with help of an IP-address	License breach risks
	Security Issues
	User statistics



RA21: Resource Access for the 21st Century

Simple, Trusted Access – Anywhere, Anytime, on Any Device

- Resource Access for the 21st Century
- National Information Standards Organization (NISO)
- International Association of Scientific, Technical, and Medical Publishers (STM)

<https://ra21.org/>



RA21

Underlying Principles

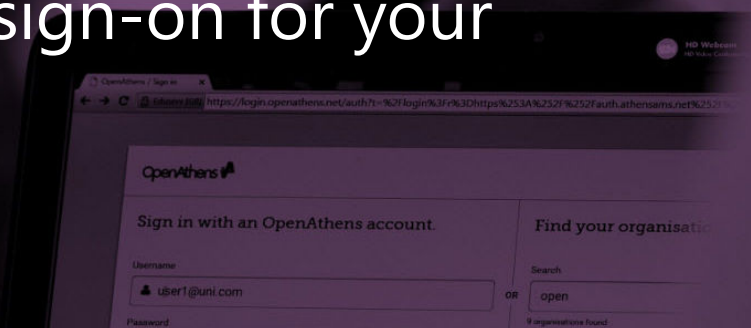
- Seamless
- Constantly evolving
- Every Location
- Every Device
- Balance between safety and usability

Rethinking authentication

There are a number of alternatives for IP recognition-based systems, such as OpenAthens, which use a SAML-based single sign-on approach to connect users with content.

Overview of OpenAthens

Deliver seamless single sign-on for your end users



OpenAthens – what is it?

- Single-sign-on (SSO) service for patrons
- Access management service for libraries
- Analytics service for librarians and directors



OpenAthens Benefits

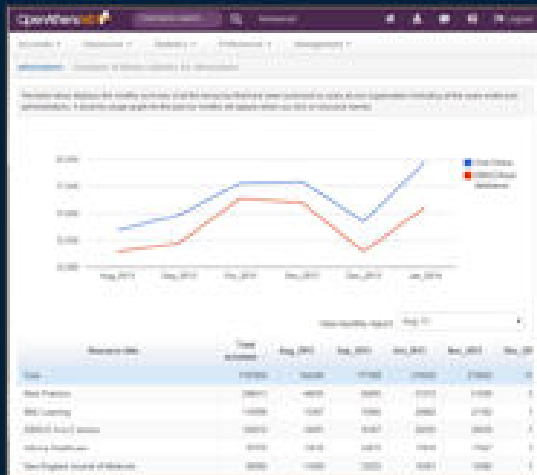
- All accesses to library resources
 - On network/remote/mobile
 - Library portal/discovery/publisher
- Can be implemented by librarians
- User account management tools for librarians
 - Self registration validated by IP and/or email
- Can restrict access to categories of individual users
- Granular statistics
 - Informed collection management using statistics
 - Informed negotiation with publishers
 - Cross charging different business units

OpenAthens Benefits – Integration option

- Can be integrated with an organisation's own system
 - LDAP, Active Directory, portal, LMS
 - No new usernames or passwords
 - Improves licence compliance
- Library resources become another application managed via the SSO system
 - Improved security

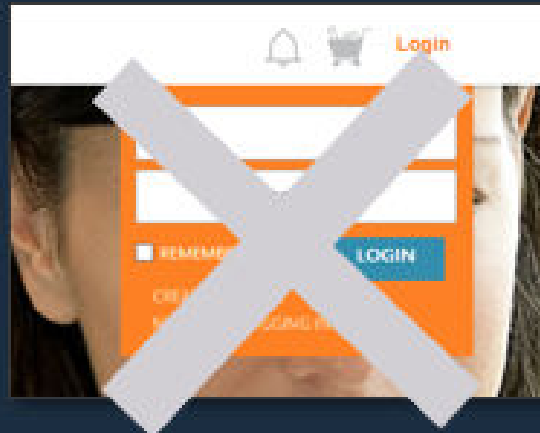
Wins with OpenAthens for the Librarian

Reporting!



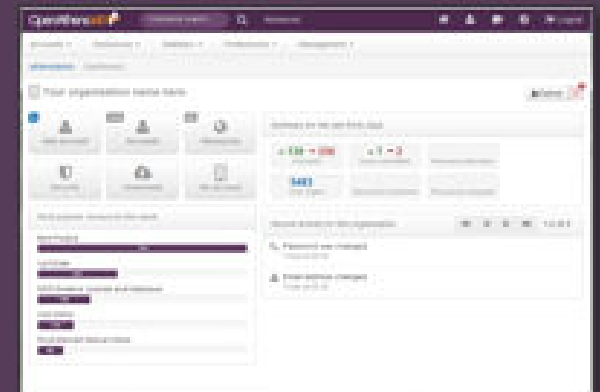
1

No Double Authentication



2

Librarian Administration



3

What makes OpenAthens different from IP/proxy?

- ✓ Always fully hosted
- ✓ Works across all devices and locations
- ✓ Collects detailed usage statistics
- ✓ Supports user personalization
- ✓ Military-grade security with SAML

Sample Use Case: **Access Management**



- Create target audiences for your resources
- Address breach of vendor contracts
- Define what data publishers receive

Sample Use Case: Demonstrating Value



- Cost per resource
- Evidence based funding
- Back-charge departments



“Op Vlerick Business School integreerden we OpenAthens met een andere single sign-on technologie (OKTA). Op die manier kregen studenten & medewerkers aan de Vlerick Business School vlot toegang tot de databanken van de bibliotheek en zagen we een forse toename in gebruik en waardering van onze diensten.

-Elke Parrez, *Head of Library & Information Specialist*, Vlerick Business School

Integration



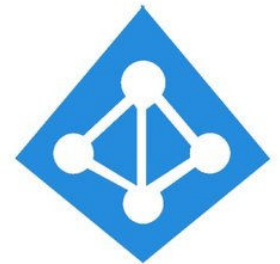
Blackboard



ADFS



Shibboleth.



Azure Active Directory

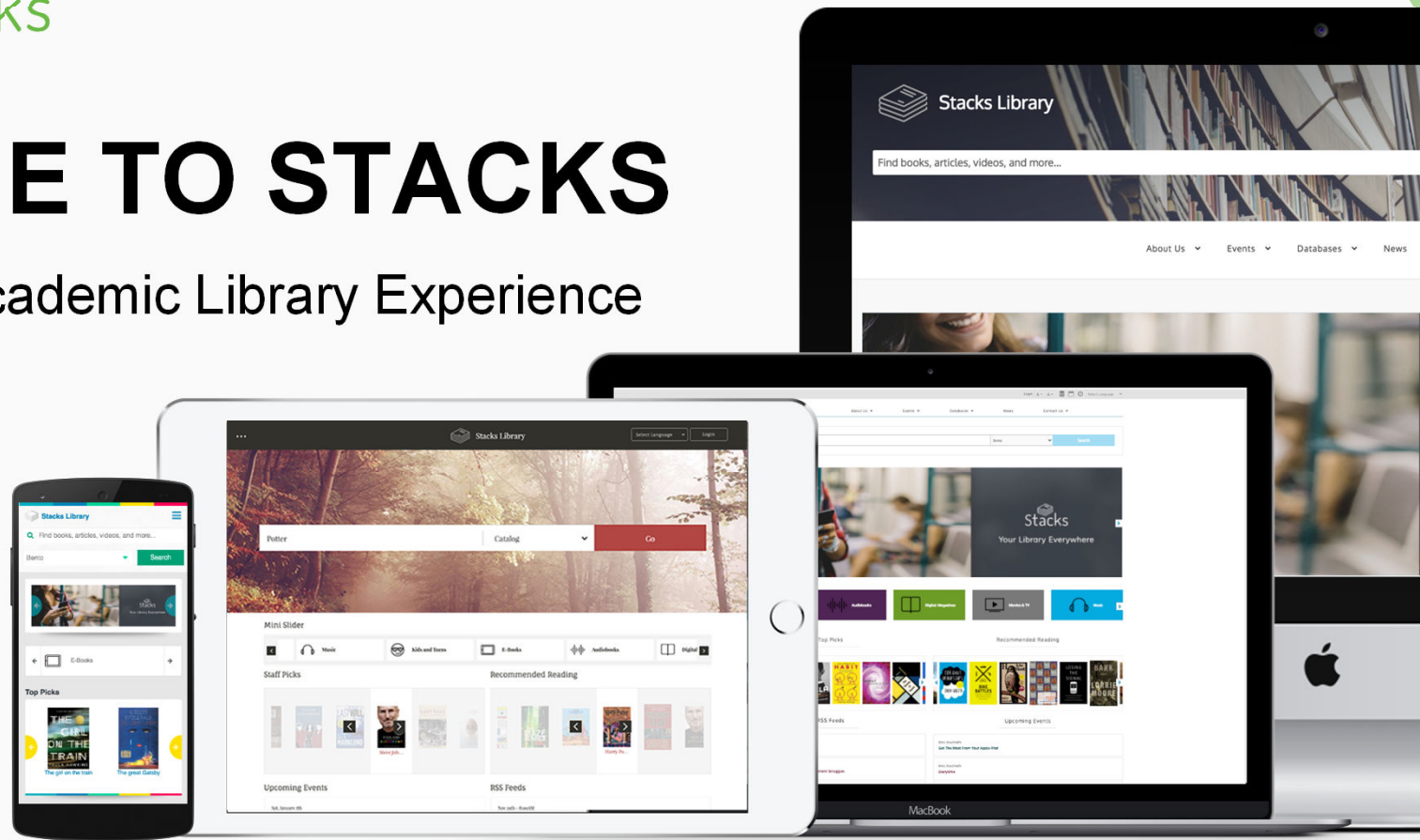


okta



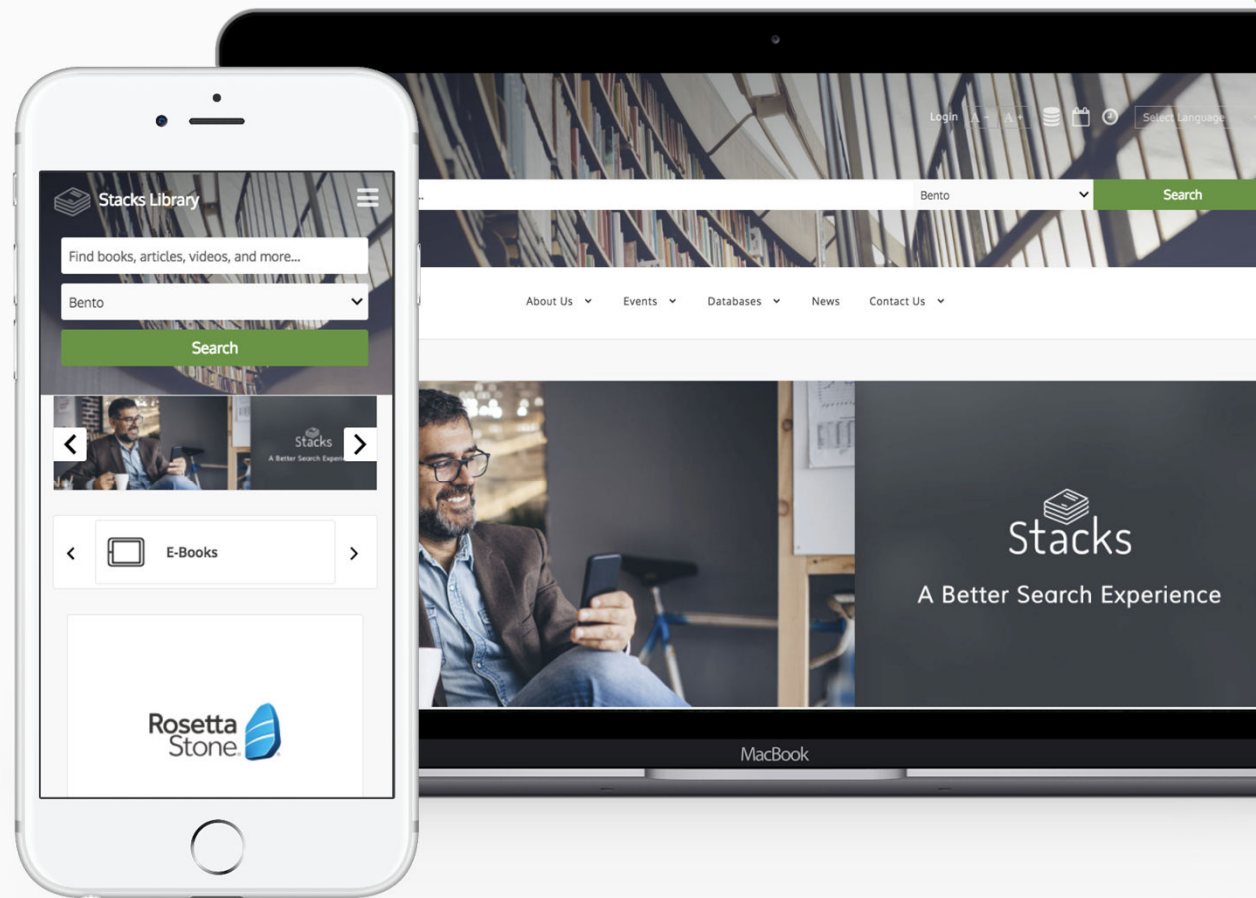
WELCOME TO STACKS

Reinventing the Academic Library Experience



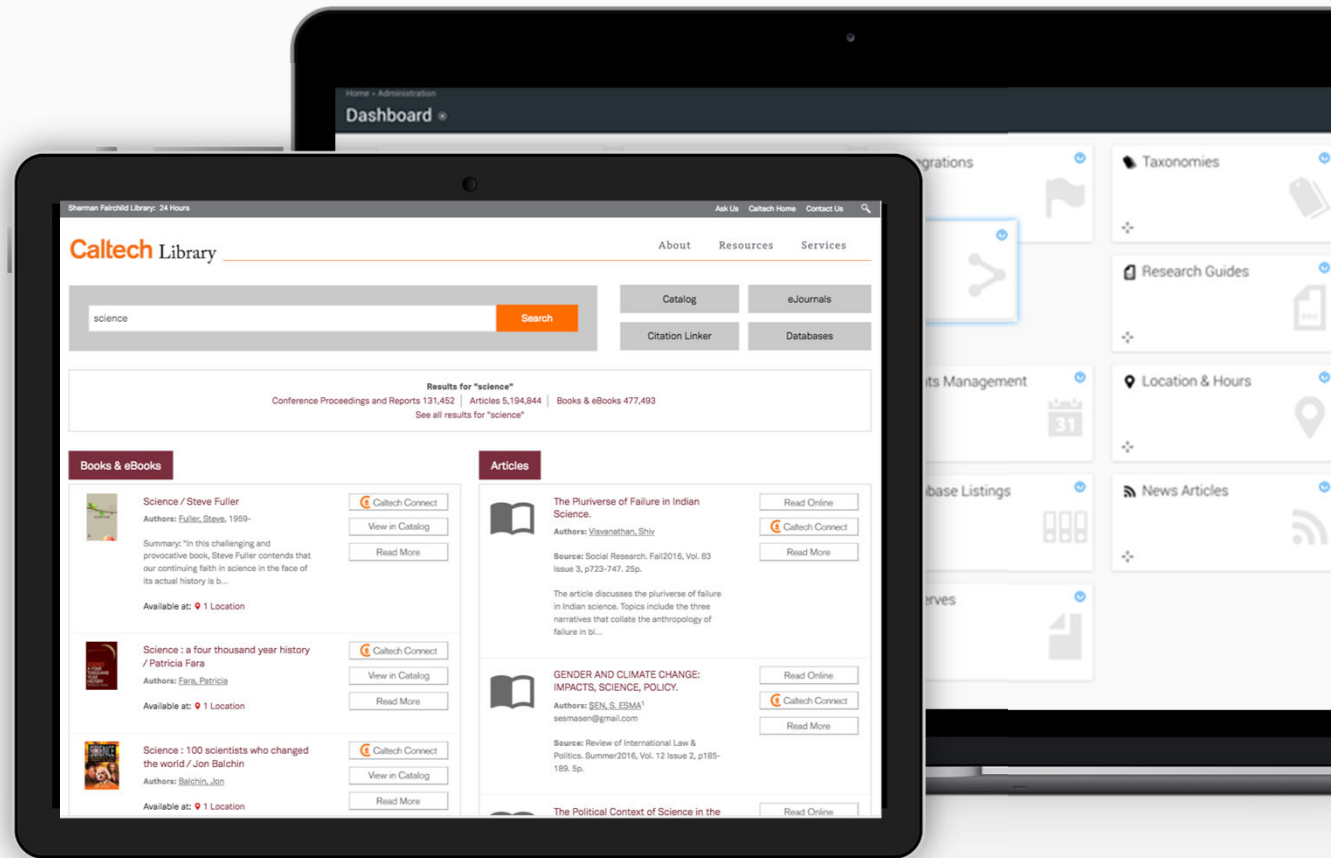
WHAT IS STACKS?

- Complete responsive website Content Management System (CMS)
- Accessible library website platform that works on any screen size
- A complete package with seamless, turnkey integrations
- Phone and tablet friendly native mobile apps available for iOS and Android via Stacks Mobile



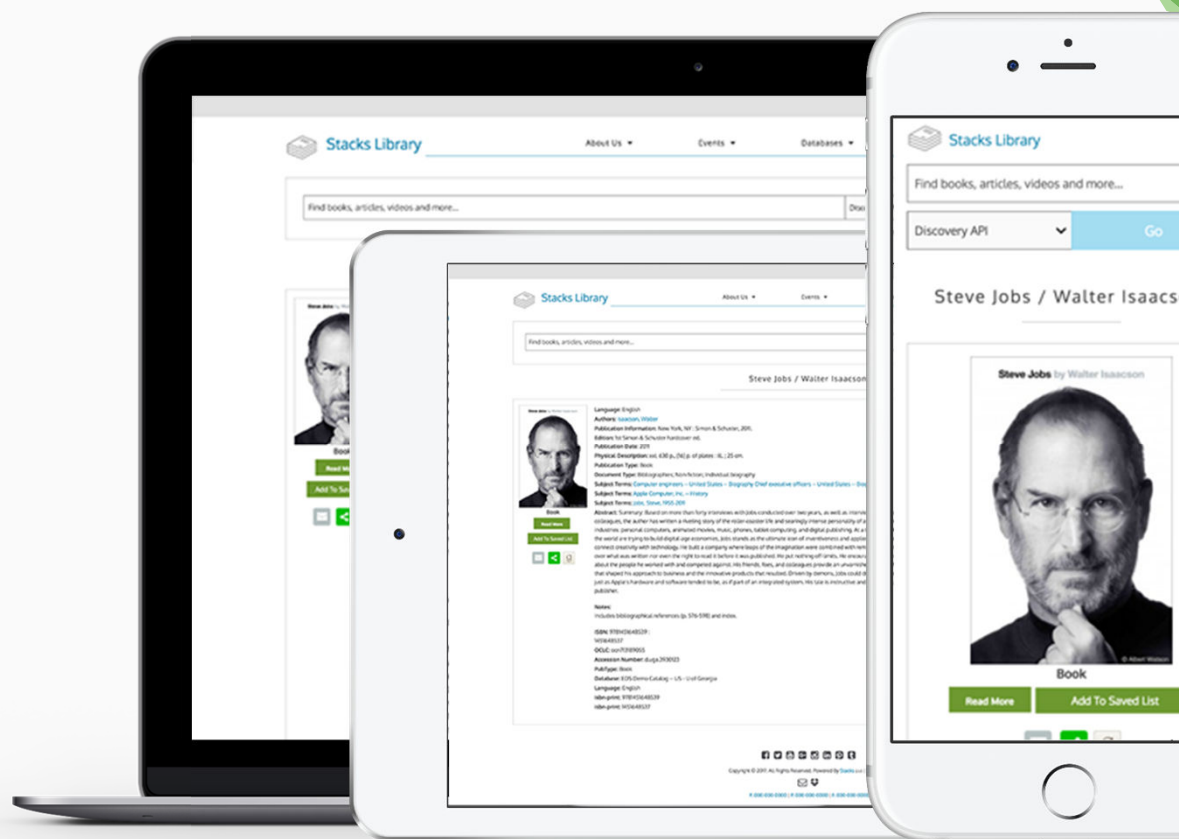
FOCUS ON USABILITY AND DESIGN

- Easy-to-use administration interface with plug-and-play *EBSCO Discovery Service™* integration
- Turnkey, and responsive - works on phones, tablets and televisions with no technical ability required



ANYTIME, ANYWHERE

- Browse catalog and/or discovery
- Easily locate databases and full-text content
- Place and cancel holds
- Check fees and fines
- Review and renew items out
- Online and in-app event registration
- Online and in-app room booking
- **and more...**



SOFTWARE SUBSCRIPTION SERVICE

STACKS IS A SUBSCRIPTION SERVICE (SaaS)

- Site stays new and fresh year over year
- No surprise costs make it easy to budget
- Never worry about expensive upgrades
- We stay up to date on web design best practices so you don't have to ever worry about security issues or risks
- High availability cloud hosting with continuous deployment means little to no down time on website
- Compliant with Google integrations

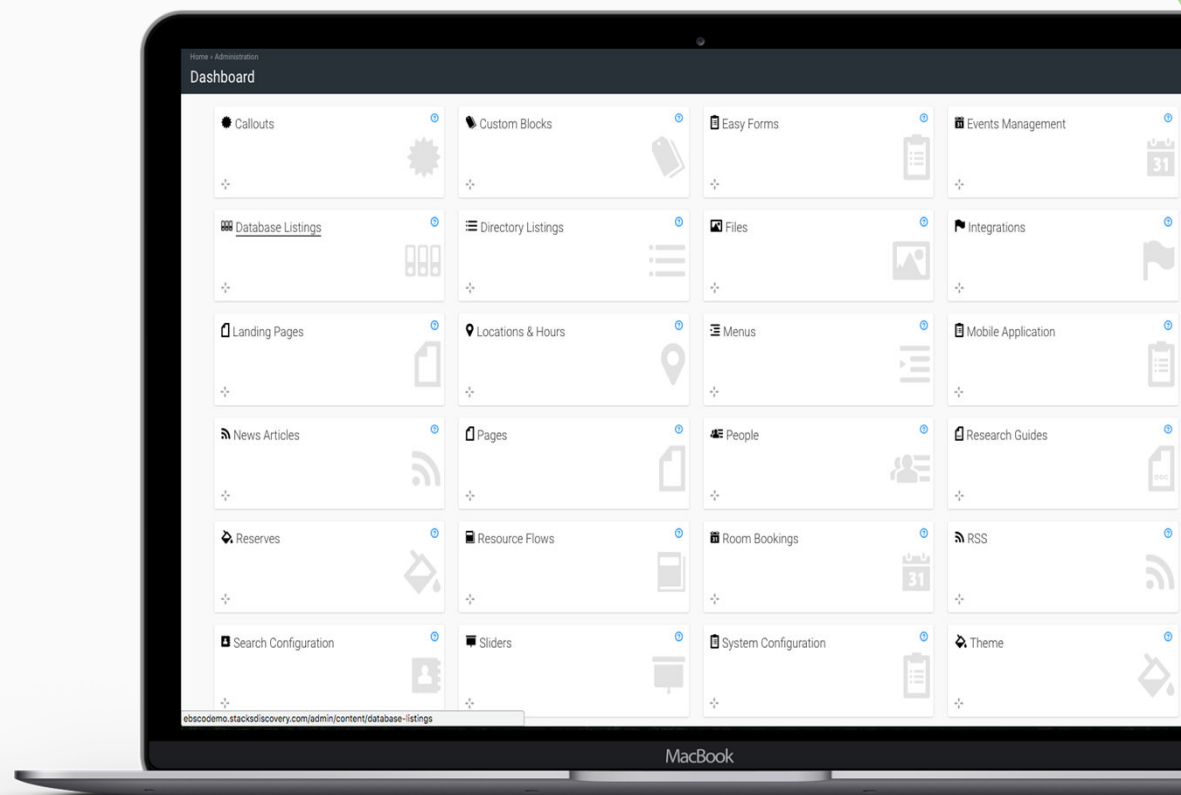
STACKS FEATURES

FULL CONTENT MANAGEMENT SYSTEM (CMS) WITH RICH EBSCO DISCOVERY SERVICE INTEGRATION

- Accessible
- Adheres to user experience best practices
- Analytics integrations
- Cover art integrations
- Customizable themes
- Database portal
- Directory listings
- Integrate your own catalog
- Multi-language support
- Resource flows
- Responsive design
- Share content between websites
- Social media integration
- Supports a single website or many locations
- Surveys and forms
- Customizable taxonomies/classifications
- **Exclusive *EBSCO Discovery Service* integration**
- User roles
- Web security
- 24/7 support desk
- ***And more...***

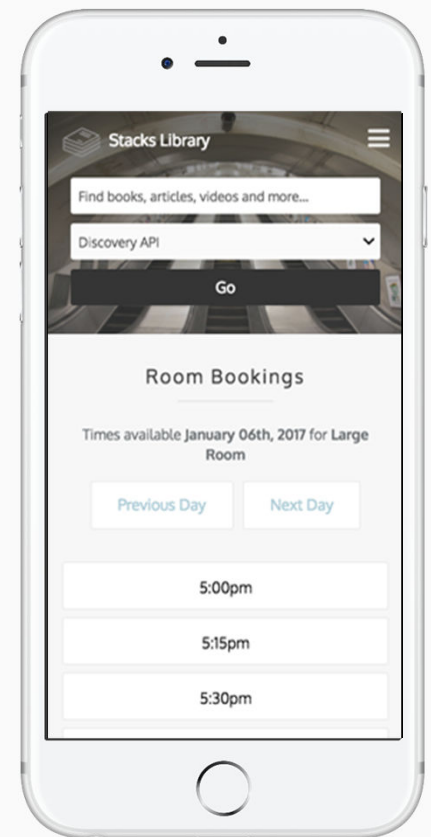
DASHBOARD DRIVEN

- **Intuitive dashboard** to manage all of your content and resources in one place
- **Easy Editing** from the dashboard or within the webpage itself
- **Quick Access** to help manual and tutorials



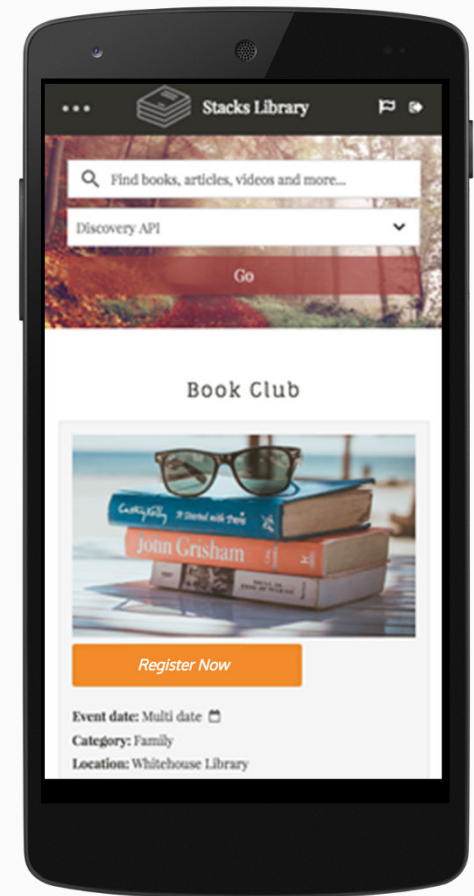
BOOK A ROOM FROM ANYWHERE

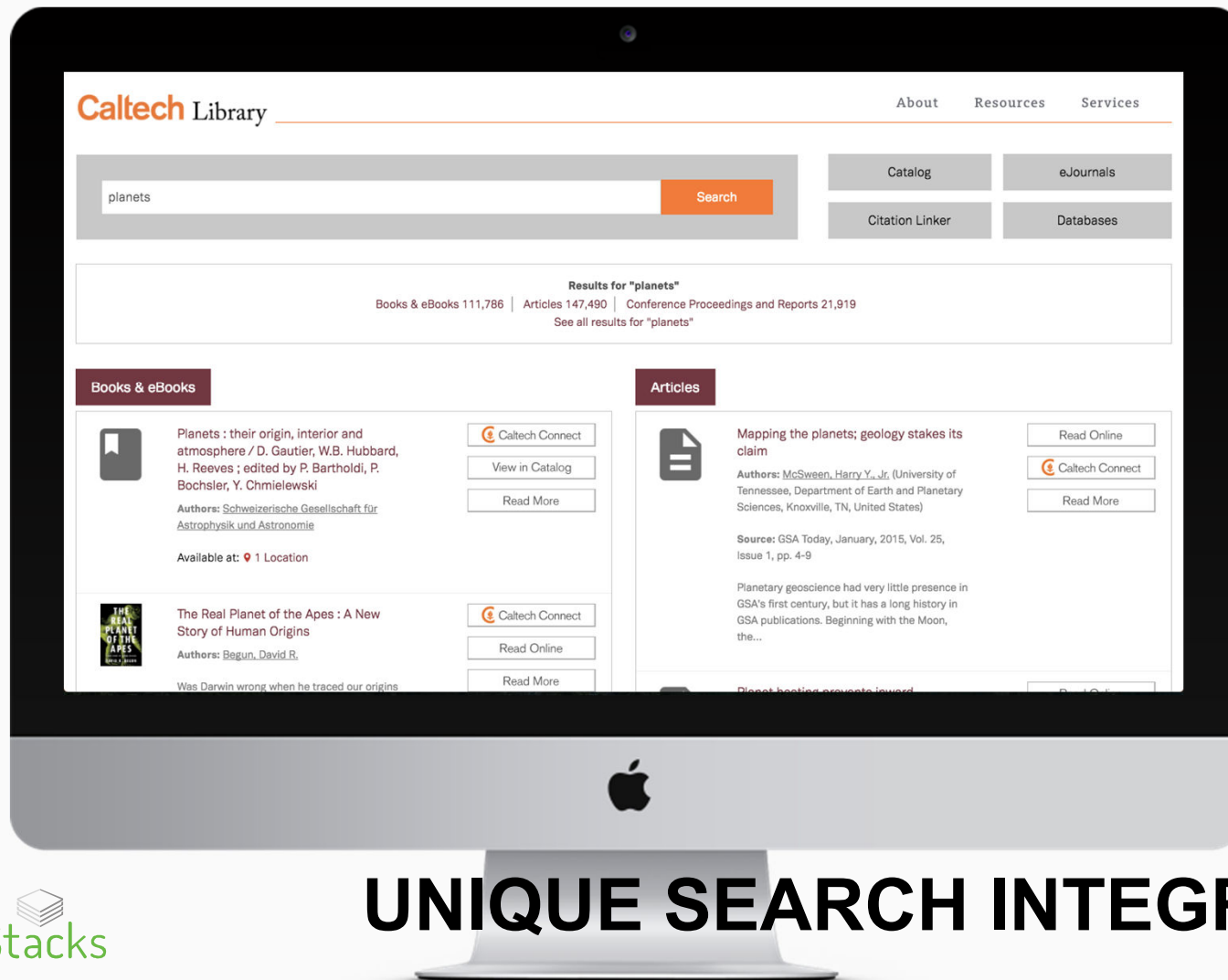
- Configure room categories and set group defaults
- Manage controlled vocabularies to filter and manage rooms
- Accept **online** and **in-app** booking without conflicts
- Manage email templates for automated confirmations, reminders, etc.



EVENTS MANAGEMENT

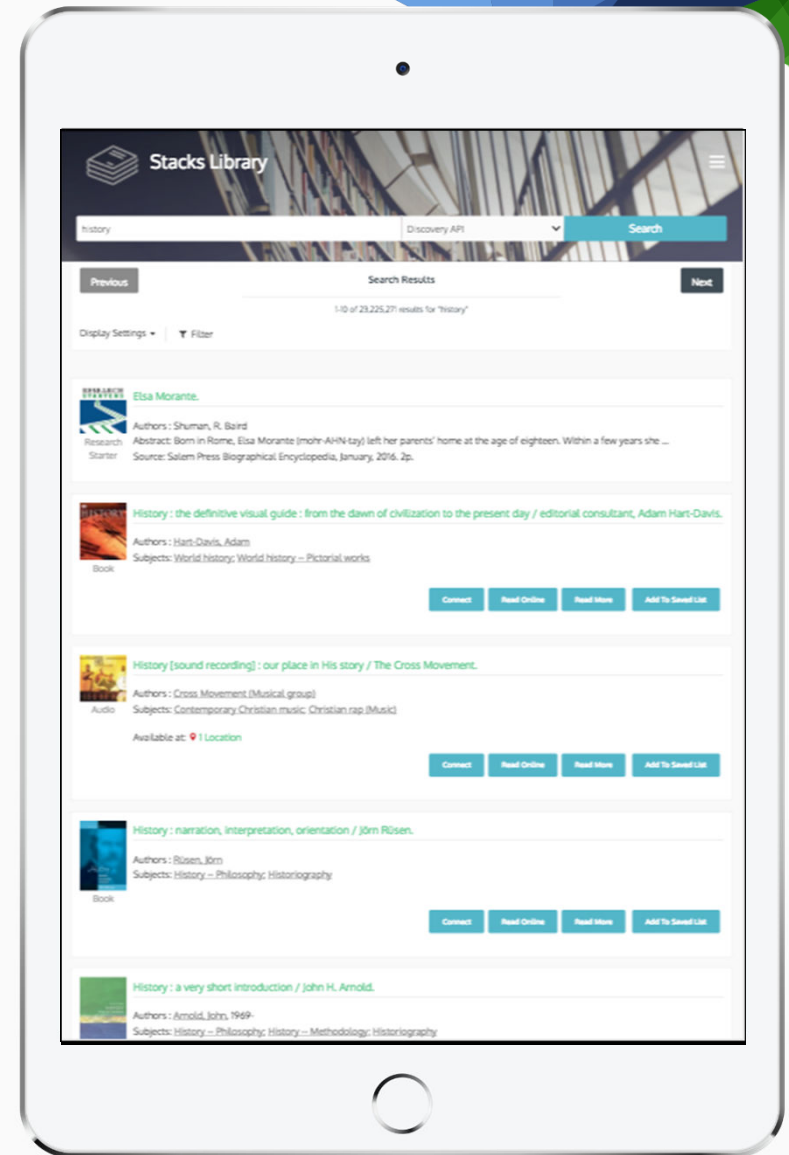
- Create recurring events with dynamic rules
- Schedule, publish and set expiration dates
- Manage controlled vocabularies to organize events
- Accept online and in-app registrations with limits
- Convenient reporting of program attendance





EBSCO DISCOVERY SERVICE

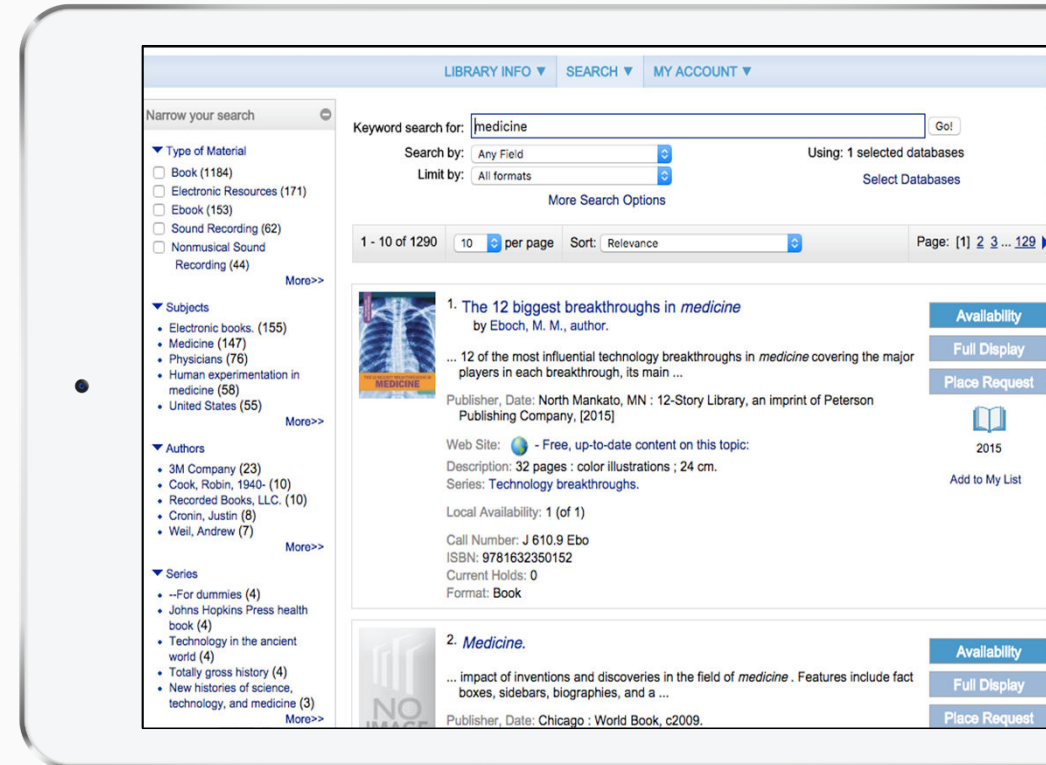
- **Stacks** is the **only** website creation tool of its kind to offer seamless, turnkey *EBSCO Discovery Service* (EDS) integration.
- Link directly to EDS interface, or keep users in the same environment with **Stacks**' unique overlays
- Surface content and resources in just one click
- Relevant results every time



EXTERNAL CATALOGS

ALL MAJOR EXTERNAL CATALOGS INCLUDING:

- Polaris
 - PowerPAC
 - SirsiDynix Enterprise
 - iii Sierra
 - OCLC WorldCat
 - Evergreen
 - Koha OPAC
 - Ex Libris Primo
 - VuFind
 - Bibliocommons
- and more...***





www.stacksdiscovery.com

THANK YOU !...