



Set-Up Guide

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BadgerLink, Wisconsin's Online Library, licenses educational and recreational content for use by anyone in the state. BadgerLink is a project of the Resources for Libraries & Lifelong Learning (RL&LL) team within the Division for Libraries & Technology at the Wisconsin Department of Public Instruction (DPI).

This guide is written for school and library staff, and covers system requirements and basic guidelines for use of the resources listed below.

Content is selected through a Request for Proposal (RFP) process governed by the Department of Administration (DOA) guidelines. Categories are established with input from the statewide library/school community, and content and technical specifications are developed by DPI staff with input from DOA and the statewide library/school community. The RFP is distributed to all potential vendors via VendorNet.

Content is purchased with Universal Service Funds appropriated through Wisconsin's biennial budget process.

As of September 2016, BadgerLink licenses content from the following:

- Access NewspaperARCHIVE
- Britannica Digital Learning
 - Includes Britannica School (English & Spanish)
- EBSCO Information Services
 - Includes 40 databases and interfaces
- HeritageQuest Online
- LearningExpress Library
 - Includes 9 learning centers
- LitFINDER
- TeachingBooks
- Wisconsin Newspaper Association - Archive of Wisconsin Newspapers

BadgerLink also partners with the Wisconsin Historical Society to provide access to the following:

- Wisconsin Historical Society Family History Records

*The resources above are subject to change. For the most up-to-date offerings see <http://badgerlink.dpi.wi.gov>.

Access & Authentication

BadgerLink resources are licensed exclusively for Wisconsin residents and two forms of authentication are currently used to provide access.

External Internet Protocol (IP) Address Registration

BadgerLink technical staff register static external IP addresses that are guaranteed as Wisconsin-only. These IP addresses are assigned by the Internet Service Provider. Schools and libraries are encouraged to send information about their network configuration to BadgerLink staff on a regular basis through the contact form: <http://badgerlink.dpi.wi.gov/contact-us> or at 888-542-5543.

After registration, any user with an authorized IP address will have seamless, automatic access to the resources. Users accessing from their homes may request automatic access if the system does not automatically detect a Wisconsin location, and staff will determine on a case-by-case basis if registration is possible.

Logins

The second method for access is through use of a public library card or school/school district ID, at <http://badgerlink.dpi.wi.gov/login>. As with library barcodes, school IDs must be unique per individual. Logins provide access when technical staff is unable to register external IP addresses (either at the school or library, or from a user's home). Logins also guarantee users can gain access to additional EBSCO subscriptions their affiliated institution has provided. For more information on this see *Gateway to the Resources: Additional Options* below.

Required information needed to set up a login:

- Length of unique library barcode or school/school district ID
 - must be at least 5 characters
- Pattern of unique library or school/school district ID
 - for example, 21xxxx, which would indicate all barcodes/IDs begin with 21 followed by 4 other characters

If the school or library does not have a unique identifier already in place, the identifier is less than 5 characters long, or there is no particular pattern, BadgerLink technical staff will work with the institution to build a login that best suits the needs of both parties.

While most schools set up logins at the district level (preferred), it is possible to have separate logins for each school or grade level. This option is especially helpful if, for example, the district's high school subscribes to additional EBSCO resources.

Considerations

Some school districts use an internet filter that automatically assigns users to a pool of external IP addresses shared amongst other customers in the country or elsewhere. Due to contract restrictions, technical staff is unable to register addresses assigned in this manner unless the school is able to provide BadgerLink staff with the addresses only assigned to their users. As it is typically not feasible to gather those ranges, BadgerLink recommends schools/school districts in this scenario set up a school login as described above, or have students use a public library card.

Institutions using filtering software or firewalls should also use the following information supplied by some of the BadgerLink providers.

EZproxy Configuration Stanza:

Title: BadgerLink

URL: <http://www.wiscat.net>

Domain: wiscat.net

Host: www.badgerlink.dpi.wi.gov

Access NewspaperARCHIVE IPs and Domains:

Web Domains

- *.newspaperarchive.com

If your network blocks IP addresses, allowing these IPs should take care of any performance issues you may be experiencing.

- 72.50.232.36

Auto-Graphics (BadgerLink authentication and Super Search provider):

- 69.80.202.64 - 69.80.202.127 (69.80.202.64/26)

Britannica Digital Learning IPs and Domains:

Web Domains

- america.eb.com
- escolar.eb.com
- quest.eb.com
- academic.eb.com
- school.eb.com
- moderna.eb.com
- dictionary.eb.com
- eb.com
- britannica.com

Port 8080 must be open in order for the Read Aloud feature to function properly.

For optimal use of the Read Aloud functionality, institutions should allow these specific IP's:

- The primary IP (currently active) is 216.200.249.34 (this is at NL)
- The backup IP (currently inactive) is 64.124.236.19 (this is at DLS)

If your network blocks IP addresses, allowing these IP's should take care of any performance issues you may be experiencing.

- 38.100.103.*
- 64.124.231.*
- 208.185.238.*
- 38.69.46.*
- 38.69.47.*

EBSCO Industries IPs and Domains for Firewalls, Proxy Servers, and Whitelists:

http://support.ebsco.com/knowledge_base/detail.php?id=966

***Important info on changes coming July 2016:**

In an effort to provide the best possible response times for your EBSCO subscriptions and services, in July 2016 we are making adjustments to our technical infrastructure. To accomplish this, our services will be delivered from a much larger range of IP addresses and we will no longer be able to provide a list of the IP addresses used by our servers.

This change will only affect those customers who may currently be restricting system access to particular IP addresses – also known as “whitelisting”. For the majority of customers we do not expect this change to have any direct impact, but please consult with your technology department to determine the impact to your organization.

Customers who utilizes a whitelist will need to change their configurations to utilize domain names instead. An updated list of domains is available below.

LitFINDER (Gale) Configuring Firewalls & Proxies:

<http://support.gale.com/technical/304>

Gateway to the Resources

BadgerLink users have two options for navigating to the resources.

BadgerLink Website

The main access point to BadgerLink resources is through the BadgerLink website at <http://badgerlink.dpi.wi.gov>. The website not only offers supplemental information about each resource, but also training materials, promotional materials, and entry to our federated search feature.

Authentication is not activated until a user clicks on a resource link - what we refer to as our *authenticated URLs*. Therefore, the BadgerLink website and the supplementary content is available to anyone, whether they are a Wisconsin resident or not.

Direct Links on Your Website

Our library and school users are welcome to link directly to the BadgerLink website (<http://badgerlink.dpi.wi.gov> or any of the internal pages), or any individual licensed resource. For the latter, it is important to use our *authenticated URLs*, available on the [BadgerLink Authenticated URLs Google sheet](#). This is a live document which will be updated as needed.

Find this document and BadgerLink logos on the website <http://badgerlink.dpi.wi.gov/get-word-out/badgerlink-your-website>.

Any organization providing this type of access is asked to use a combination of the following:

- BadgerLink logo or general credit statement such as (provided by BadgerLink)
 - logo available at <http://badgerlink.dpi.wi.gov/get-word-out/badgerlink-your-website>
- General program description
 - *BadgerLink is Wisconsin's Online Library, providing Wisconsin residents with licensed educational content from multiple sources across a range of topics*
- Individual resource descriptions available in our *Authenticated URLs* document.

Additional Options

As noted above, users who subscribe to additional EBSCO content not provided through the BadgerLink subscription have the ability to access those resources through our *EBSCO All Resources* link: <http://badgerlink.dpi.wi.gov/resource/ebsco-all-resources>. This landing page in EBSCO shows any databases, interfaces, or specialized profiles available to authorized users of a specific EBSCO account.

BadgerLink technical staff also partner with EBSCO to assist Wisconsin organizations wishing to link directly to their non-BadgerLink subscriptions. Please direct any questions to our contact form at <http://badgerlink.dpi.wi.gov/contact-us>.

Third-Party Platform Integration

Schools and libraries may choose to include BadgerLink resources within their own library catalog or electronic resource management system (such as Follett's Destiny One Search or MackinVIA). BadgerLink technical staff act as an intermediary between the school/library and the licensed vendors to request the correct usernames and passwords to use during configuration.

Use the contact form to begin the process: <http://badgerlink.dpi.wi.gov/contact-us>

NoveList & NoveList K-8 Catalog Integration

Schools and libraries can add their local library catalog into the search results of both NoveList and NoveList K-8. This feature will display a link to the catalog alongside the individual book results. BadgerLink technical staff act as an intermediary between the school/library and the vendor of NoveList and NoveList K-8 (EBSCO).

Please note, this is not the option where NoveList/NoveList K-8 records display in *your* local catalog results as this feature is only available to schools or libraries subscribing to NoveList Select.

Use the contact form to begin the process: <http://badgerlink.dpi.wi.gov/contact-us>

Training on BadgerLink and Licensed Content

BadgerLink users have two options to learn how to use the resources. Self-directed videos and printable documents are available on the website at

<http://badgerlink.dpi.wi.gov/training>.

Staff is also available for sessions on any topic, personalized for your organization. Request training at <http://badgerlink.dpi.wi.gov/training/request-training>.