



## The Center for Research Libraries

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### Archive Profile

#### **NewsBank Inc.**

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#### **Overview**

NewsBank Inc., a privately held firm headquartered in Naples, FL, is a major aggregator of newspaper and other content in digital, microform and print formats. Through partnerships with publishers, governments and other entities mostly in the English-speaking world, NewsBank has compiled collections of thousands of sources of information and tens of millions of articles dating from the seventeenth century to the present day.

Its major focus is news collections, comprising text from more than 2,000 newspapers in searchable online databases, both web-enabled and through proprietary interfaces. Its highly developed indexing and metadata operations allow it to sell a wide variety of packaged and topical information tailored to specific markets. It is a major provider of aggregated information to the education sector, from elementary school to higher education and postgraduate research. Its library databases are customized outside the United States for the U.K and Ireland, Australia, and Asia, and it has created databases of Spanish-language publications.

In addition to its news databases, NewsBank offers archives solutions to publishers and libraries. It has well-established microform operations in Chester, VT, under its Readex unit (established in 1950), offering filming services to newspapers as well as retrospective microfilming of some of the rarest and oldest newspaper collections in America for its Archive of Americana and America's Newspapers aggregations. Through the NewsBank Media Services unit (New Canaan, CT) the company also sells and supports the SAVE records-management solution for newspapers, which it bills as an "archives management" system.

NewsBank also continually seeks partnerships with third parties to enhance its online offerings. Two recent examples are NewsStand Inc., which hosts an online site where subscribers can view newspapers in their native broadsheet (page) format, and Magellan

Geographics' "MGWorldAtlas," a collection of hundreds of maps offered through some of NewsBank's web products.

NewsBank and its divisions also offer some aggregations of government and other content in microform and CD-ROM (e.g., United Nations documents).

### **Mission Statement**

None available.

### **Functional Analysis and Discussion of Business Activity**

NewsBank, as a privately held entity, is not required to disclose operational or financial information. The present report has been drawn from articles about NewsBank in trade publications, available data compiled by third-party business-information aggregators, and NewsBank's own web sites ([www.newsbank.com](http://www.newsbank.com), [www.readex.com](http://www.readex.com) and [www.newsbankmediaservices.com](http://www.newsbankmediaservices.com)).

Data aggregation is a highly competitive arena, so information about sales and marketing, marketing segments and market share, and technical information such as data formats, indexing algorithms, infrastructure, and so on, are not available beyond what the company describes in its own online literature. Some aspects of this profile are inferred from the general nature of the data aggregation business and knowledge of newsroom workflows, and by studying formats obtainable through NewsBank's offerings through the local public library's OPAC ([www.lapl.org](http://www.lapl.org)).

NewsBank as of this writing has declined to provide information beyond what appears on its public web site.

### **Preservation**

Without a discoverable mission statement, it is difficult to assess the status of *preservation* as a guiding principle in NewsBank's business activities. Like other database aggregators, its goal is to sell content and generate revenue. Yet three of its key revenue sources are presented to potential customers as "archives" solutions: microform, web site hosting for publishers and the SAVE system for news libraries. Promotional material for the web hosting service, indeed, seems at least to hint at an archival mission: "NewsBank is ... the world's largest repository for the hosted archives of hundreds of newspapers" (<http://www.newsbank.com/publishers/>).

More traditional in its preservation work, Readex is a 53-year-old operation that has microfilmed some of the rarest and most fragile publications still extant, U.S. newspapers dating to the mid-17th Century. It also does business rescuing and re-filming of deteriorating microform. On its web site, NewsBank states that it adheres to all the established standards for quality film production and long-term storage. It is in the

process of digitizing (through optical character recognition) much of its centuries-old content.

Meanwhile, in the digital realm, SAVE offers “archiving” – more accurately, day-to-day records management—for newspapers’ internal collections. SAVE, which is in use by more than 60 newspapers for their digital archives, allows each publication to manage its own asset-management workflows, including tagging and metadata, indexing, automated web feeds and feeds to database aggregators (including, but not limited to, NewsBank). This type of “content access” solution is typical of what newspapers use in-house to process and manage their published stories, photographs and information graphics in a single database. However, the same flexibility that makes it attractive to publishers – for example, the capability to accept any format type – in fact makes it less than ideal as a long-term digital archive. Maintaining cross-platform, multiple-format content is difficult and complicated and requires more sophisticated metadata than virtually any of these systems can handle, and there is no anecdotal evidence that SAVE has solved this sustainability problem.

With its foray into online representations of full news pages (with the 2005 partnership with NewsStand), NewsBank is venturing into format diversity in its own archives. It is not known at this writing how NewsBank is managing sustainability for non-text objects.

NewStand, it should be noted, exports standard page PDFs into a proprietary page format for distribution. User’s page through the virtual newspaper using NewsStand’s web-enabled interface, which allows them to read articles, navigate through the sections and execute searches.

## **Workflows**

NewsBank receives content primarily via FTP from producers. After physical ingest, the material undergoes a selection process to eliminate redundant content where possible, especially wire service stories, and in some instances to remove highly localized content, such as city Little League game results. The selected content is indexed using both human and algorithmic functions.

Disparate document structures from the source are parsed into NewsBank’s proprietary database structure (described under Content Characteristics) and become the functional AIP.

More than 60 newspapers are currently customers of the SAVE archiving system, which streamlines ingest. NewsBank provides customers with integrations to the newspapers’ front-end production systems and in SAVE offers filtering, indexing and database construction of internal archives. An enhancement module allows SAVE archivists to do data enhancement, perform quality controls and handle post-publication corrections before transmitting (primarily via FTP) the daily content to NewsBank databases.

## Governance

NewsBank Inc. is a privately held firm with corporate offices in Naples, FL. The following table compiles information from freely available sources, which are noted in the last column.

Entity	Relevant data		SIC codes	Source
<b>NewsBank Inc.</b>	Location	Naples, FL		
	President	Daniel S. Jones	2721-02-Publishers-periodicals	Reference USA, 2003
	Annual sales	\$35 million \$17 million (12/31/2004)		Dun & Bradstreet Int'l Business Locator Lexis-Nexis
	Employees	35 (Florida) 200 (total)		Reference USA, 2003 Lexis-Nexis
<b>Readex</b>	Location	Chester, VT	2741-16-Publishers-microform 2752-02-Printers 7334-03-Copy/duplicating services 2389-39, -61, Conference centers, coordinators	Reference USA, 2003
	President	David Braden		Readex web site
	Annual Sales	\$50 million-\$100 million		Reference USA, 2003
	Employees	250-499		Reference USA, 2003
<b>NewsBank Media Services</b>	Location	New Canaan, CT	2741-14 Publishers-art	SLA News Division
	President	Chuck Palsho		SLA News Division
	Annual Sales	\$500,000-\$1 million		Reference USA, 2003
	Employees	1-4		Reference USA, 2003

## Funding

Revenue is primarily from database subscriptions. Other sources are archiving solutions and web hosting. Profits and losses of parent and units are not disclosed, nor are operating results.

## Risk Factors

Public companies annotate their financial projections with areas that introduce elements of unpredictability or instability to the bottom line. While NewsBank does not provide these statements, its operations in electronic news and information aggregation subject it to the same risk factors as those of its competitors. These include (but are not limited to):

- **Competition:** Challenges from emerging technologies and delivery platforms, including cheaper or free information in the web
- **Demand:** Price points may deter subscribers, or products may lose market share
- **Funding source:** NewsBank serves a large market in public education, where funds for subscriptions may drop
- **Data sources:** Newspapers, themselves sensitive to the information market, may demand higher prices for their content, or may withdraw it and become direct competitors
- **Copyright:** Changes to law regarding digital manifestations of copyrighted works may adversely impact NewsBank's collections
- **Technology:** Costs associated with technological change, assuring adequate backup, security from fraud or hacking, etc., are not entirely predictable.

It should be noted that NewsBank's primary providers, newspapers, are themselves under increasing pressure from Google, which is seen to be capturing their advertising revenue and is often blamed for the industry's recent poor earnings performance. If belt-tightening by news libraries forces them to reduce or drop their NewsBank subscriptions, or if "premium" newspapers begin charging NewsBank more for licensing their content, the company could be adversely affected.

## Content Characteristics

NewsBank offers the text content of more than 2,000 newspapers comprising 100 million individual articles, in addition to newswires, magazine articles, scientific journal abstracts, broadcast transcripts and corporate announcements. (See Appendix I, *NewsBank's Publishing Agreements*.) Through indexing and other proprietary metadata, this content is combined and bundled into different packages for delivery to discrete markets; an individual article is likely to reside in multiple NewsBank products aimed at diverse user groups.

NewsBank makes selections from current as well as archival sources based on their research and/or topical value and aggregates them to create NewsBank niche resources. Other products contain the complete electronic editions of each publication. Many of these sources are not otherwise available except through NewsBank.

For competitive reasons, NewsBank declined to provide information about the structure of its content. However, it is possible to get a general picture of that structure by looking at the features of its search engine. It should also be noted that news content is among the most predictably structured text content created, making NewsBank's core structure similar to other news databases. Labeling may vary (*byline* versus *author*) but fields are conceptually identical.

One feature of NewsBank's Access World News database is a geographic interface that allows users to click anywhere on a map of the world and drill down through successive clicks to access content from that country, region, state/province or even city. This suggests a layer of geographic metadata that NewsBank parses at ingest based on datelines, named cities and other cues in the content, but that is conjecture.

Known fields based on statements about NewsBank's search engine are:

- Headline
- Lead/first paragraph
- Author/byline
- Body of text
- Date
- Section
- Edition
- Page
- Caption from photographs (if any)
- Source (publisher)
- Index terms (NewsBank's and producer's)

There are likely additional fields with refined metadata for rights management, for example, but these are not available. It is not known what, if any, preservation metadata may be applied to NewsBank's new but growing offerings of newspaper PDFs. The venture, in partnership with NewsStand Inc. of Austin, TX, is less than a year old, and database hosting information is not available, so it is not known which entity is responsible for sustaining the content.

News content is bundled for various markets. Some of these products evolve in a short time frame, so it is difficult to enumerate all of them. For example, NewsBank currently offers to its military market a product that delivers hometown news to soldiers overseas—a feature of its ability to finely geocode newspaper content. Below is a look at NewsBank's other product offerings, as listed on its public web site as of July 2006.

<b>Product</b>	<b>Comment</b>
America's Newspapers	American newspapers
Access World News	International titles in English or in translation
America's Obituaries & Death Notices	Editorial coverage as well as paid obits

Obits.com	Per-article fee based service for general public
Archive of Americana (Readex)	Historic content
Historic Archives	Chicago Tribune and Dallas Morning News digitized microfilm
NewsLibrary.com	Archives hosting for newspapers
Image e-Edition	Page format online
Access U.K. & Ireland	Geographic bundles
Australia's Newspapers	Geographic bundles
Asia's Newspapers	Geographic bundles
Acceda Noticias	Spanish-language titles
Business News	Economics, finance and business
U.S. Newswires & Transcripts	Government announcements and proceedings
Access Military, Government & Defense	Military/defense news, government announcements
Metro Newspaper Collections	Urban geographic bundles
American GenealogyBank, GenealogyBank.com	Database subscription and per-article fee based service for general public
NewsBank Retrospective	Topical bundles such as "Cold War," "Vietnam," "U.S. Presidents," "Civil Rights," "Berlin Wall," "Soviet Collapse" and "The Death of Disco"
KidsPage	Elementary and middle schools
Access Statistics	Government, private and nonprofit organizations' statistics
Access U.N.	Web access to United Nations announcements and proceedings
U.N. Documents	Microfiche and CD-ROM access to U.N. material
Foreign Broadcast Information Service	English translations of U.S. agency material on fiche and online
Global NewsBank	International collections of country and regional content, in English and indexed by broad topics/disciplines

As mentioned above, NewsBank primarily offers electronic access to news text. Its early American newspapers products marketed by its Readex unit further comprise about 1.5 million page images from 700 historical papers, or 350,000 separate editions. The text from each has been digitized through optical character recognition. Other Readex products include scanned books, Congressional serials and ephemera from the 17th Century to about 1980.

NewsBank recently added its first regional blog to its news mix. The respected "L.A. Observed" blog is now being indexed by NewsBank crawlers, and its content is available in the Metro aggregation for Los Angeles.

## Technical Architecture and Scale

As a major database aggregator, NewsBank must ensure that its content is robustly backed up and immediately accessible; not to do so is to put the enterprise at serious risk. The publicly available information is:

- NewsBank aggregates more than 150 million total articles in its databases
- Its 99.95% “uptime” (high access to subscribers) “is the best in the industry”
- It recently spent \$100 million building a new data center

NewsBank’s business model dictates a continual search for new markets, among both producers and information consumers. The information infrastructure to support that while maintaining robust access to historic back files means that the company must stay atop shifting demands of technology, which it has managed to do successfully for more than 30 years.

## Users (Designated Communities)

As described, NewsBank packages and recombines content for various markets. Its sales material enumerates its target communities and makes specific products available to them. Appendix II includes a list of NewsBank’s subscriber segments and the databases or collections that are marketed to them, as described on the company’s public web site. It shows clearly how the same content is bundled and re-bundled across multiple user groups.

For competitive reasons, NewsBank declined to provide information about the size and percentages of its various market segments. Nor were representatives willing to provide any information about the percentage of its databases that comprises news.

Issues of authenticity and accuracy raised by community analysis can only be generalized. Like all other news aggregators, NewsBank is extremely dependent on the quality of the information from its producers and does the same kind of bulk processing at ingest. In the case of government material (including U.N.), the same applies—although there is likely to be a higher emphasis on authenticity from the source of those materials than is the case with newspapers.

“Understandability” is the responsibility of the community, in that it is up to the user or user group to ensure that the proper platform is in place to access NewsBank content, the right version of a web browser, for example, or adequate bandwidth. Meeting user needs is also a function of the research environment – whether the library, school or research organization has tools available for sophisticated users who prefer Boolean searching, or caters to middle-school students for whom simple keyword searching is adequate to fulfill their information need.



# Appendix I

## NewsBank's publishing agreements (2004)

Aberdeen American News, Aberdeen SD  
 Advocate, The, Baton Rouge LA  
 Advocate, The, Newark OH  
 Akron Beacon Journal, Akron OH  
 Alameda Journal, Walnut Creek CA  
 Albany Times Union, Albany NY  
 Albuquerque Journal, Albuquerque NM  
 Albuquerque Tribune, The, Albuquerque NM  
 Alexandria Daily Town Talk, Alexandria LA  
 Amarillo Globe-News, Amarillo TX  
 Anchorage Daily News, Anchorage AK  
 Argus Leader, Sioux Falls SD  
 Arizona Daily Star, The, Tucson AZ  
 Arizona Republic, The, Phoenix AZ  
 Ashville Citizen Times, Asheville NC  
 Associated Press Archives  
 Atlanta Journal Constitution, The, Atlanta GA  
 Aurora Beacon News, Aurora IL  
 Austin American-Statesman, Austin TX  
 Bakersfield Californian, The, Bakersfield CA  
 Bangor Daily News, Bangor ME  
 Battle Creek Enquirer, Battle Creek MI  
 Beacon News, The, Aurora IL  
 Beaumont Enterprise, Beaumont TX  
 Belleville News-Democrat, Belleville IL  
 Bellingham Herald, The, Bellingham WA  
 Berkeley Voice, Walnut Creek CA  
 Birmingham News, Birmingham AL  
 Bismarck Tribune, Bismarck ND  
 Blade, The, Toledo OH  
 Boston Globe, The, Boston MA  
 Boston Herald, Boston MA  
 Bowie Blade News, The, Annapolis MD  
 Bradenton Herald, The, Bradenton FL  
 Brentwood News, Walnut Creek CA  
 Broomfield Enterprise, The, Boulder CO  
 Bucks County Carrier Times, Levittown PA  
 Buffalo News, The, Buffalo NY  
 Burlington Free Press, Burlington VT  
 Burlington County Times, Willingboro NJ  
 Californian, The, Salinas CA  
 Cape Cod Times, Hyannis MA  
 Capital, The, Annapolis MD  
 Capital Times, The, Madison WI  
 Centre Daily Times, State College PA  
 Champaign News-Gazette, Champaign, IL  
 Chapel Hill News, The, Raleigh NC  
 Charleston Gazette, Charleston WV  
 Charleston Daily Mail, Charleston WV  
 Charlotte Observer, The, Charlotte NC  
 Chicago Sun-Times, Chicago IL  
 Chicago Tribune, Chicago IL  
 Christian Science Monitor, The, Boston MA  
 Chronicle-Tribune, Marion IN  
 Cincinnati Enquirer, The, Cincinnati OH  
 Cincinnati Post, The, Cincinnati OH  
 Clarion-Ledger, Jackson MS  
 Clio Messenger, The, Flint MI  
 Colorado Springs Business Journal, Colorado Springs, CO  
 Columbia Daily Tribune, Columbia MO  
 Columbian, The, Vancouver WA  
 Columbus Ledger-Enquirer, Columbus GA  
 Commercial Appeal, The, Memphis TN  
 Concord Monitor, Concord NH  
 Concord Transcript, Walnut Creek CA  
 Contra Costa Sun, Walnut Creek CA  
 Contra Costa Times, Walnut Creek CA  
 Corpus Christi Caller-Times, Corpus Christi TX  
 Coshocton Tribune, Coshocton OH  
 Courier-Journal, The, Louisville KY  
 Courier-News, Bridgewater NJ  
 Courier-News, The, Elgin IL  
 Croftin Crier, The, Annapolis MD  
 Daily Advertiser, The, Lafayette LA  
 Daily Camera, Boulder CO  
 Daily Herald, Arlington Heights IL  
 Daily Journal of Commerce, Portland OR  
 Daily News Leader, Staunton VA  
 Daily News of Los Angeles, Los Angeles CA  
 Daily Oklahoman, The, Oklahoma City OK  
 Daily Press, Newport News VA  
 Daily Record, The, Baltimore MD  
 Daily Record, The, Kansas City MO  
 Daily Record of Rochester  
 Daily Reporter, The, Milwaukee WI  
 Daily Southtown, Chicago IL  
 Daily Times, The, Salisbury MD  
 Dallas Morning News, The (incl. Arlington Morning News), Dallas TX  
 Davison Flagstaff, The, Flint MI  
 Day, The, New London CT  
 Dayton Daily News, Dayton OH  
 Daytona Beach News-Journal, Daytona FL  
 Denver Post, The, Denver CO  
 Des Moines Register, Des Moines IA  
 Deseret News, The, Salt Lake City UT  
 Desert Sun, The, Palm Springs CA  
 Detroit Free Press, Detroit MI  
 Detroit News, The, Detroit MI  
 Dolan's Virginia Business Observer, Norfolk VA  
 Duluth News-Tribune, Duluth MN  
 Durham Herald-Sun, Durham NC  
 East Brunswick Home News Tribune, NJ  
 Edwardsville Intelligencer, Edwardsville, IL  
 El Cerrito Journal, Walnut Creek CA  
 El Paso Times, El Paso TX  
 Elgin Courier News, Elgin IL  
 Emporia Gazette, Emporia KS  
 Erie Times-News, Erie PA  
 Evansville Courier & Press, The, Evansville IL  
 Fairbanks Daily News-Miner  
 Fayetteville Observer, Fayetteville NC  
 FDCH-eMediaMillWorks (Transcripts: CNN)  
 Fenton Press, The, Flint MI  
 Finance & Commerce, Minneapolis MN  
 Flint Journal, The, Flint MI  
 Flint Township News, The, Flint MI  
 Florida Times-Union, The, Jacksonville FL  
 Florida Today, Brevard FL  
 Flushing Observer, The, Flint MI  
 Fort Collins Coloradoan, Fort Collins CO  
 Fort Worth Star-Telegram, Ft. Worth TX  
 Fredericksburg Free Lance-Star, Fredericksburg VA  
 Fresno Bee, The, Fresno CA  
 FT.COM (300 International Titles)  
 Gazette, The, Colorado Springs CO  
 Gazette, The, Cedar Rapids-Iowa City IA  
 Grand Blanc News, The, Flint MI  
 Grand Forks Herald, Grand Forks ND  
 Grand Rapids Press, The, Grand Rapids MI  
 Great Falls Tribune, Great Falls MT  
 Green Bay Press-Gazette, Green Bay WI  
 Greensboro News & Record, Greensboro NC  
 Greenville News, The, Greenville SC

Grunion/Downtown Gazette, Long Beach CA  
 Hanover Evening Sun, Hanover PA  
 Hartford Courant, The, Hartford CT  
 Hattiesburg American, Hattiesburg MS  
 Hawk Eye, Burlington IA  
 Herald Dispatch, Huntington WV  
 Herald and Review, Decatur IL  
 Herald News, The, Joliet IL  
 Honolulu Advertiser, Honolulu HI  
 Houston Chronicle, Houston TX  
 Idaho Business Review, Boise ID  
 Idaho Spokesman-Review  
 Idaho Statesman, The, Boise ID  
 Indianapolis Star, The, Indianapolis IN  
 Intelligencer, Doylestown PA  
 Investor's Business Daily, Los Angeles CA  
 Iowa City Press-Citizen, Iowa City IA  
 Ithaca Journal, Ithaca NY  
 Jersey Journal, Jersey City, NJ  
 Joliet Herald News, Joliet IL  
 Joplin Globe, Joplin MO  
 Journal & Courier, Lafayette IN  
 Journal Gazette, The, Ft. Wayne IN  
 Journal Of Commerce, The, New York NY  
 Journal-News, Westchester County NY  
 Journal Record, The, Oklahoma City OK  
 Kansas City Star, The, Kansas City MO  
 Knoxville News-Sentinel, The, Knoxville TN  
 Kodiak Daily Mirror  
 Lancaster New Era, Intelligencer Journal and the Sunday News, Lancaster PA  
 Lansing State Journal, Lansing MI  
 Las Vegas Review Journal, Las Vegas NV  
 Lawrence Journal-World, Lawrence KS  
 Leaf-Chronicle, The, Clarksville TN  
 LebanonDaily News, Lebanon PA  
 Ledger Dispatch, Walnut Creek CA  
 Legal Ledger, St. Paul MN  
 Lewiston Morning Tribune, Lewiston ID  
 Lexington Herald-Leader, Lexington KY  
 Lima News, The, Lima OH  
 Lincoln Journal Star, Lincoln NE  
 Long Island Business News, NY  
 Los Angeles Times, Los Angeles CA  
 Lubbock Avananche-Journal, Lubbock, TX  
 Macon Telegraph, The, Macon GA  
 Manhattan Mercury, The, Manhattan KS  
 Martinez Record, Walnut Creek CA  
 Maryland Gazette, Annapolis MD  
 Miami Herald, The, Miami FL  
 Midland Reporter-Telegram, Midland TX  
 Milwaukee Journal Sentinel, Milwaukee WI  
 Minnesota Lawyer, Minneapolis MN  
 Mobile Register, Mobile, AL  
 Modesto Bee, Modesto CA  
 Montclarion, Walnut Creek CA  
 Monterrey County Herald, Monterey CA  
 Montgomery Advertiser, Montgomery AL  
 Morning Star/Sunday Star-News, Wilmington NC  
 NPR (National Public Radio)  
 Naperville Sun, The, Naperville IL  
 Newsweek  
 New York Post, New York NY  
 New York Sun, New York, NY  
 New Orleans City Business, New Orleans LA  
 News & Observer, The, Raleigh NC  
 News Herald, Port Clinton OH  
 News Journal, Wilmington DE  
 News Journal, Mansfield OH  
 News Sun, The, Waukegan IL  
 News Tribune, The, Tacoma WA  
 News-Leader, Springfield MO  
 News-Messenger, Fremont OH  
 News-Press, Fort Myers FL  
 News-Sentinel, The, Ft. Wayne IN  
 News-Star, Monroe LA  
 Nuevo Herald, El, Miami FL  
 Observer-Reporter, Washington PA  
 Olympian, The, Olympia WA  
 Opinion, La, Los Angeles CA  
 Orange County Register, The, Santa Ana CA  
 Oregonian, The, Portland OR  
 Orlando Sentinel, The, Orlando FL  
 Oshkosh Northwestern, Oshkosh WI  
 Owensboro Messenger-Inquirer, KY  
 Pacific Daily News, Agana Guam  
 Palladium Item, Richmond IN  
 Palm Beach Daily News, Palm Beach FL  
 Palm Beach Post, The, Palm Beach FL  
 Pantagraph, The, Bloomington IL  
 Pensacola News Journal, Pensacola FL  
 Peoria Journal Star, The, Peoria IL  
 Philadelphia Daily News, Philadelphia PA  
 Philadelphia Inquirer, The, Philadelphia PA  
 Piedmonter, Walnut Creek CA  
 Pioneer Press Weeklies (50 Illinois weeklies)  
 Pittsburgh Post-Gazette, Pittsburgh PA  
 Plain-Dealer, The, Cleveland OH  
 Plainview Daily Herald, Plainview TX  
 Pleasant Hill Record, Walnut Creek CA  
 Portland Press Herald and Maine Sunday Telegram, Portland ME  
 Post-Crescent, The, Appleton WI  
 Post-Standard, The, Syracuse NY  
 Gary Post-Tribune, Gary IN  
 Press & Sun-Bulletin, Binghamton NY  
 Press Democrat, The, Santa Rosa CA  
 Press of Atlantic City, The, Atlantic City NJ  
 Press-Enterprise, The, Riverside CA  
 Press-Telegram, Long Beach CA  
 Public Opinion, Chambersburg PA  
 Pueblo Business Journal, Pueblo CO  
 Record, The, Bergen County NJ  
 Record, The, Walnut Creek CA  
 Reno Gazette-Journal, Reno NV  
 Reporter, The, Fond Du Lac WI  
 Richmond Times-Dispatch, Richmond VA  
 Roanoke Times, The, Roanoke VA  
 Rochester Democrat & Chronicle, Rochester NY  
 Rockford Register Star, Rockford IL  
 Rocky Mountain News, Denver CO  
 Sacramento Bee, The, Sacramento CA  
 Saginaw News, Saginaw MI  
 Salem Statesman Journal, Salem OR  
 San Antonio Express-News, San Antonio TX  
 San Diego Union-Tribune, The, San Diego CA  
 San Fransico Chronicle, San Francisco CA  
 San Jose Mercury News, San Jose CA  
 San Ramon Valley Times, Walnut Creek CA  
 Santa Fe New Mexican, The, Santa Fe NM  
 Sarasota Herald-Tribune, Sarasota FL  
 Seattle Post-Intelligencer, Seattle WA  
 Seattle Times, The, Seattle WA  
 Sheboygan Press, The, Sheboygan WI  
 Solano Times, Walnut Creek CA  
 South County Gazette, Annapolis MD  
 Southern Illinoisan, Carbondale IL  
 Spokesman-Review, The, Spokane WA  
 St. Charles Business Record, MO  
 St. Cloud Times, St. Cloud MN  
 St. Louis Daily Record, St. Louis MO  
 St. Louis Post-Dispatch, St. Louis MO  
 St. Paul Pioneer Press, St. Paul MN  
 St. Petersburg Times, St. Petersburg FL  
 Star Tribune, Minneapolis/St. Paul MN  
 Star-Gazette, Elmira NY  
 Star-Ledger, The, Newark NJ  
 State Journal-Register, The, Springfield IL  
 State, The, Columbia SC  
 Stuart News/Port St. Lucie News, Jupiter Courier, Fort Pierce Tribune, Stuart FL  
 Suburban Burton News, The, Flint MI  
 Sun Herald, The, Biloxi MS  
 Sun News, The, Myrtle Beach SC  
 Sun, The, Baltimore MD  
 Sun-Sentinel, Ft. Lauderdale FL  
 Swartz Creek News, The, Flint MI  
 Taipei Times, Taiwan  
 Tallahassee Democrat, Tallahassee FL

Tampa Tribune, The, Tampa FL  
 Telegraph Herald, Dubuque IA  
 Tennessean, The, Nashville TN  
 Times Leader, The, Wilkes-Barre PA  
 Times Recorder, Zanesville OH  
 Times Union, The, Albany NY  
 Times, The, Gainesville GA  
 Times, The, Shreveport LA  
 Times-Herald, Port Huron MI  
 Times-News, The, Twin Falls ID  
 Times-Picayune, New Orleans LA  
 Topeka Capital-Journal, Topeka KS  
 Tri-City Herald, Kennewick WA  
 Tribune, The, San Luis Obispo CA  
 Tucson Citizen, Tucson AZ  
 Tulsa World, Tulsa OK  
 Union-Leader, The/New Hampshire  
 Sunday News, Manchester NH  
 Union-News, Springfield MA

USA TODAY, Arlington VA  
 U.S. News & World Report  
 Utica Observer Dispatch, Utica NY  
 Valley Times, The, Walnut Creek CA  
 Vancouver Business Journal  
 (Vancouver WA)  
 Ventura County Star, Ventura CA  
 Vero Beach Press Journal, Sebastian  
 Sun, Treasure Coast Business,  
 Vero Beach FL  
 Victoria Advocate, Victoria TX  
 Virginian-Pilot, The, Norfolk VA  
 Walnut Creek Journal, Walnut Creek  
 CA  
 Washington Post, The, Washington  
 DC  
 Washington Times, The, Washington  
 DC

Watertown Daily Times, Watertown  
 NY  
 Waukegan News Sun, Waukegan IL  
 Wausau Daily Herald, Wausau WI  
 West County News, Annapolis MD  
 West County Times, Walnut Creek  
 CA  
 West County Weekly, Walnut Creek  
 CA  
 Westport News, Westport CT  
 Wichita Eagle, The, Wichita KS  
 Winston-Salem Journal, Winston-  
 Salem NC  
 Wisconsin Law Journal, Milwaukee  
 WI  
 Wisconsin State Journal, Madison WI  
 Worcester Telegram & Gazette,  
 Worcester MA  
 Yakima Herald-Republic, Yakima WA

## Appendix II

### Targeted User Communities and NewsBank Data Products

User Community/Market	Products
Newspaper publishers	<ul style="list-style-type: none"> <li>• PubFetch (internal content harvesting for integration with SAVE)</li> <li>• SAVE archiving system</li> <li>• NewsLibrary (hosting of archives for public)</li> <li>• Research Databases (America's newspapers, Access World News, America's Obits &amp; Death Notices, topical packages, Archive of Americana, Historical Newspapers, America's GenealogyBank</li> <li>• Image e-Edition Newspapers</li> </ul>
Public Libraries	<ul style="list-style-type: none"> <li>• Access World News</li> <li>• America's Newspapers</li> <li>• Image e-Edition Newspapers</li> <li>• America's Obits &amp; Death Notices</li> <li>• Chicago Tribune, Dallas Morning News digitized microfilm</li> <li>• Acceda Noticias</li> <li>• Business News</li> <li>• U.S. Newswires &amp; Transcripts</li> <li>• America's GenealogyBank</li> <li>• "Public Library Collection" subset of sources including popular periodicals, broadcast transcripts, wire services, historic documents, journals, government publications</li> <li>• NewsBank Retrospective packages</li> <li>• KidsPage</li> <li>• Access Statistics</li> </ul>
Academic Libraries (U.S. and foreign)	<p>Some or all of above plus:</p> <ul style="list-style-type: none"> <li>• Science digests from 2,000 journals</li> <li>• Readex material: Archive of Americana, America's Historical Books, Broadsides &amp; More, America's Historical Newspapers, America's Government Publications</li> <li>• Foreign Broadcast Information Service</li> <li>• British parliamentary papers</li> <li>• Foreign Broadcast Information Service</li> <li>• British parliamentary papers</li> <li>• U.N. material</li> <li>• Global NewsBank</li> </ul>
Schools	<ul style="list-style-type: none"> <li>• Subsets of newspaper packages</li> <li>• Subject packages</li> <li>• Special military base schools (DoDEA Schools)</li> <li>• Content for U.K./Irish, Australia, and Asian schools</li> </ul>

	<ul style="list-style-type: none"><li>• Language editions</li></ul>
Government and Military Libraries	<ul style="list-style-type: none"><li>• Government information packages</li><li>• Hometown news (subset of geographic locations for military overseas)</li><li>• Image e-Edition replicas of small town titles</li></ul>
Professional services	<ul style="list-style-type: none"><li>• Media monitoring for private investigators, public relations firms, headhunters</li><li>• NewsLibrary.com</li><li>• ObitsArchive.com</li><li>• GenealogyBank.com</li></ul>

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