

**CCS**





Everything we do at CCS, we believe in the life-enriching aspects of digitization.

By combining the best of paper and pixels, we can reinvent what it means to teach, learn and provide access to knowledge.





The history of CCS begins 40 years ago. In the year 1975 Raymond Kurzweil presents a machine that for the first time enables the blind and visually impaired to read normal text. The machine consists of three new innovations by Kurzweil: an OCR program, the world's first flat-bed scanner, and a text-to-speech output. The blind are now able to put any book or newspaper on the scanner and the machine reads it aloud.

To this day, the Kurzweil Reading Machine is the biggest milestone, apart from Braille, in the social integration of blind people. The first distributor of the Kurzweil Reading Machine in Europe was CCS. The idea of creating an access to knowledge through technology has stayed with us ever since.

Today we offer a careful selection of a few but great software and service products.

Our conversion software docWorks helps libraries and archives to open their valuable holdings to a worldwide community of researchers (→ docWorks). Customized services ensure a smooth and economical scanning and conversion process of multi-million-page projects (→ Digitization Services).

Our press clipping software newsWorks supports press departments and agencies in creating comprehensive digital media reviews for decision-makers (→ newsWorks).

And we create beautiful and simple-to-use apps, web presentation systems and innovative devices that grant an educative and entertaining access to digital content (→ Content Experience).

None of this could happen without our loyal and open-minded clients. We are extremely proud to be working with some of the very best companies, libraries, publishers, ministries and agencies in the world (→ References).

Our goal is to offer the best technology „Made in Germany“, yet also be human by listening, learning, and supporting you. We make your wishes and requirements our business and seek (and find) the best solution for you.

Daniel Lanz  
Managing Director







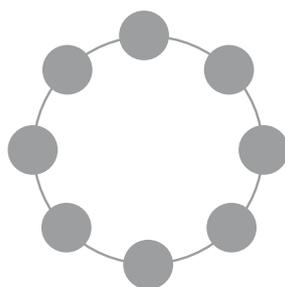
## Creating digital collections.

Our renowned software suite docWorks is used by institutions all over the world to convert print holdings to digital collections. The better the conversion, the better the search options and results.

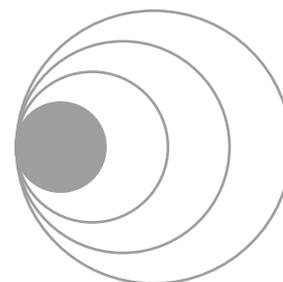


## Flexible.

docWorks imports any relevant input format (TIFF, JPG, JPG2, BMP and PDF) and converts it to standardized output files (METS/ALTO, PDF and ePUB). Whether you hold books, newspapers or manuscripts in your archive, docWorks creates searchable, meta-data enriched files in one seamless and smooth work-flow – without the hassle of incompatibility or lost data. Should your digitization project increase in size, you can easily upgrade to a higher docWorks edition.



Seamless work-flow



Easy upgrade

## Experienced.

docWorks looks back on more than 15 years of document digitization. It is used by the leading libraries, archives and content providers in the world. As a user of docWorks you will become a member of this user group and profit from a vivid exchange of information with other top class institutions. In addition to the regular meetings of docWorks users, you will also have the international docWorks support team as contact for direct know-how transfer and first-hand best practice information.





## Digitization Services

### Handling all matters for you.

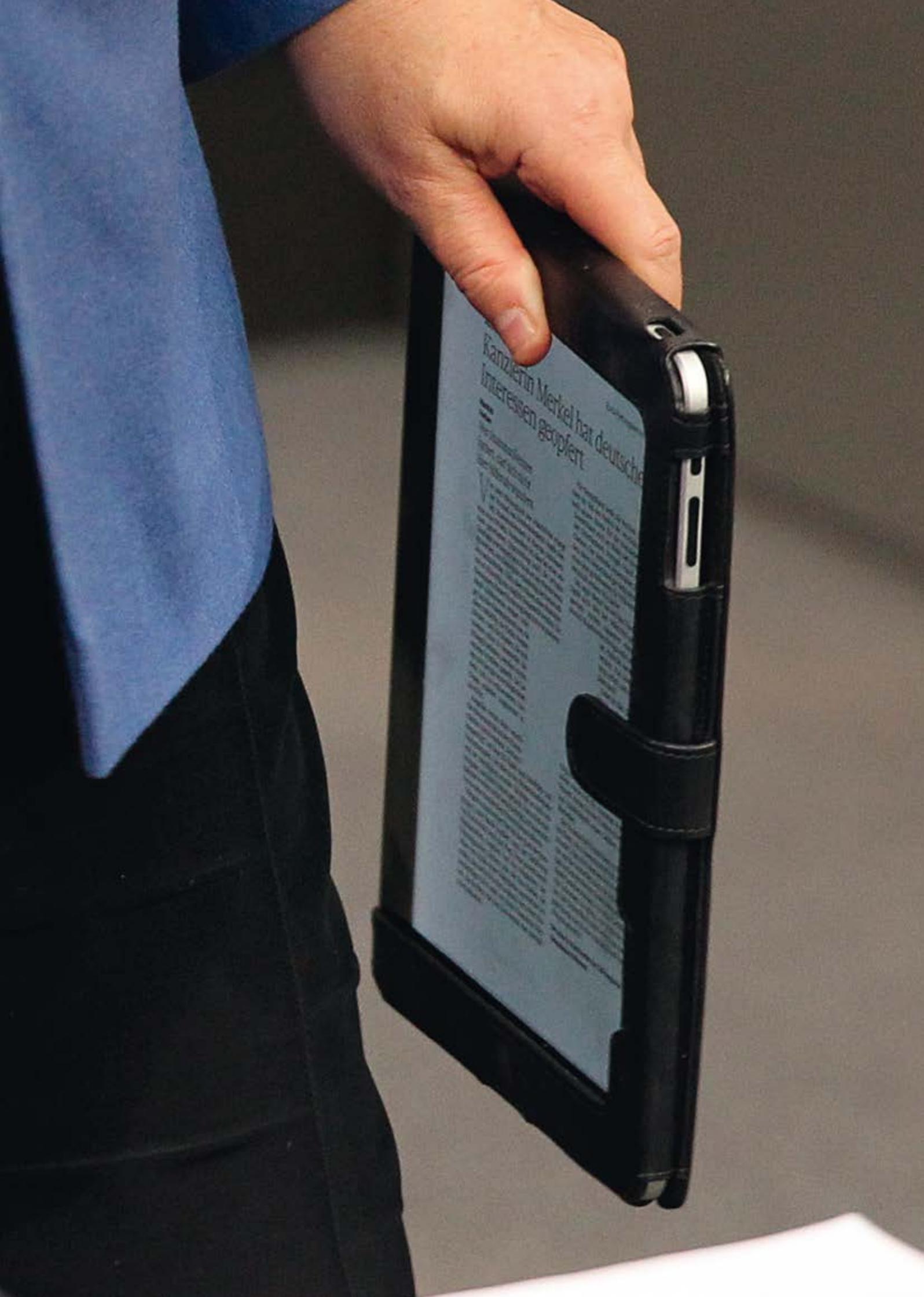
Implementation of the entire digitization process – scanning the documents, monitoring the conversion steps, and the final filing – can be done directly by the docWorks user, or it can be outsourced to a qualified CCS-affiliated service partner. Besides being technically challenging, multi-million-page projects are also very ambitious in terms of logistics. To meet these special demands CCS has developed customized digitization services for project and process management. This ensures a smooth, careful and economical conversion of your valuable materials and the full use of the docWorks potential.

### Keeping track of your valuables.

The browser-based tracking and monitoring module itemTracking is a very helpful tool to keep track of all documents during the digitization and conversion process. Each document is labeled with a barcode that allows you to follow the conversion status of the item. Access to itemTracking is possible from any Internet-connected computer – so you can manage, monitor, and analyze your digitization projects at any time, from anywhere.







# Kanzlerin Merkel hat deutsche Interessen geupfert

Vier Wochen nach dem Ende der...

Kanzlerin Merkel hat deutsche Interessen geupfert

...



## Leave a good impression.

A good press review is the calling card of any press department. It is the reason why we work so hard to provide our clients with only the best technology to create professional digital press and media reviews.

## Boost your productivity.

newsWorks lets you easily create top-level digital press reviews that are well-arranged and user-friendly. Selected configurations offer the possibility to efficiently correct and adapt article contents, delete unnecessary duplications (e.g., identical press bulletins) and arrange the clippings in fitting rubrics. The final digital press reviews are multimedia-based and can be forwarded as a download, email, RSS, or app to any number of recipients. No matter where you are or when, all devices such as computers, smartphones, and tablets are served with the highest standard of press review.

## Fits like a glove.

newsWorks is incredibly flexible. Its various modules ensure that you get exactly the product that matches your needs and demands:

newsClip is the module used for clipping selected articles from newspapers, magazines, and websites. It is equipped with an integrated OCR for titles and subtitles and also provides you with a scan of the original page from which the article was clipped. This allows the press-review reader to include neighboring material in his/her evaluation.

newsPress is the standard module for selecting, assembling, and arranging press articles in a digital press review. If more than one newsClip is in use, a work-flow module called newsFlow ensures smooth control of the machining sequence and distribution process.

Additional modules, such as newsRead and newsCorr Server, contribute to a significant increase in the efficiency of the operations process.

### Import formats

- ePaper-PDF
- Scanned press articles, TIFF, JPG, JP2
- Websites

### Export formats

- PDF, PDF/A (with searchable full text and keyword highlighting)
- eMail and RSS feed
- HTML, XML, TXT and Word-DOC
- MobileCast (HTML for mobile devices)
- App (for iPad)
- Print

### Processes

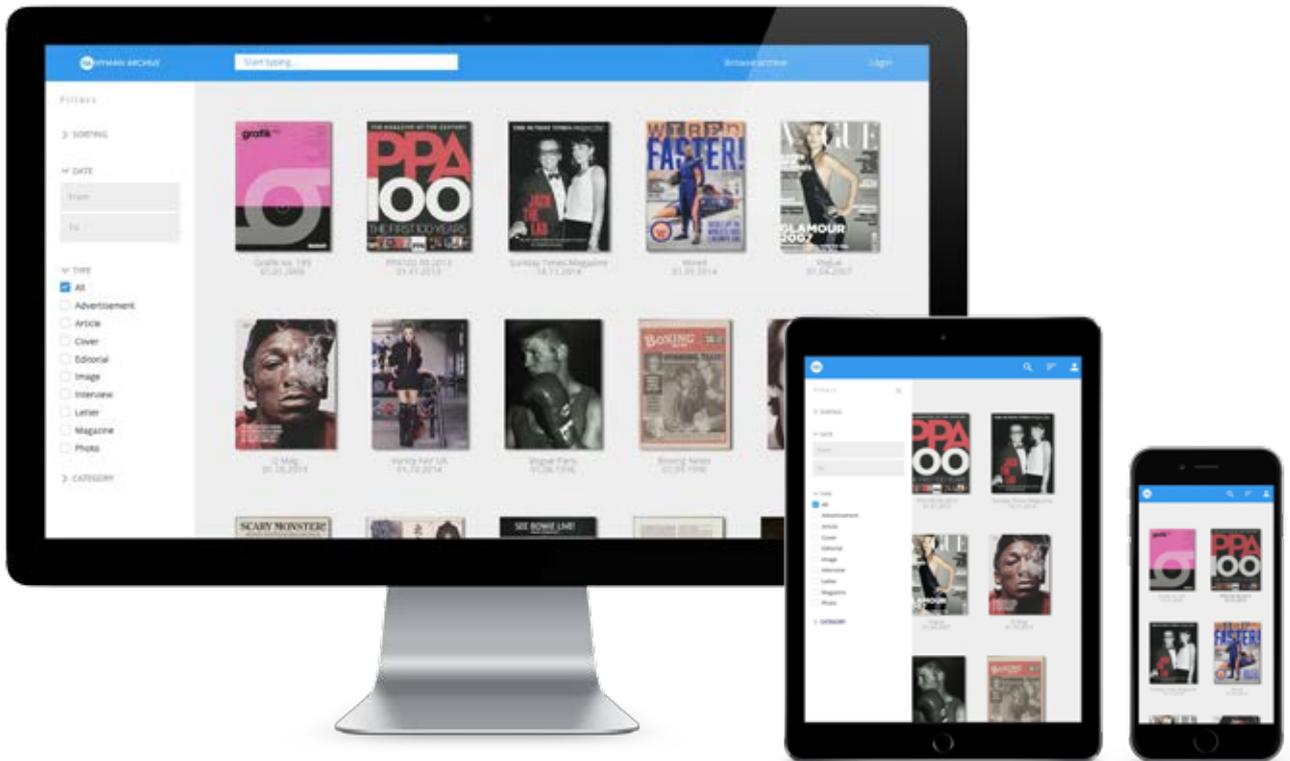
- Automated layout analysis (identification of image and text elements)
- Automated clipping of desired articles
- Automated OCR and text correction
- Automated capture of metadata
- Automated embedding of original-scan view
- Automated assembly of articles into a press review
- Individual evaluation of articles and organization into categories
- Individual branding of press reviews with client CI
- Capability to add work flow monitoring system
- Further automation by connecting a processing server
- Automated highlighting of defined keywords
- Automatically updated feeds from news portals





There, close on his haunches, so solemn and wise,  
The Frog from a corner look'd up to the skies,  
And the Squirrel, well pleas'd such diversion to see,  
Sat cracking his nuts over-head in a tree.

Then out came the Spider, with fingers so fine,  
To show his dexterity on the tight line:  
From one branch to another his cobwebs he  
slung,  
Then as quick as an arrow he darted along.



# Content Experience

## It's a kind of magic.

The MagicBox is an astonishing innovation that magically fuses traditional display cases with actual hands-on experience. A 47" transparent touch screen, incorporated in the front glass of the display case, superimposes images, videos and text on the exhibited object while keeping the same object visible at all time. Print publications, up to now limited to a look-only display spread, will be fully tangible at the fingertips of the audience. Physical objects can be combined with video and 3D animation to enhance the understanding of their functionality and history. The MagicBox enables pulsating windows to a world of wonder, enriching exhibitions not only with valuable information, but by making them truly memorable experiences.



## Tap into potential.

CCS also develops lovingly crafted mobile apps to shine light on special historic events or institutions. Photo galleries, text searches, curated information and high-quality excerpts from newspapers create a truly interactive insight into the particular zeitgeist. Partner institutions have included the University of California Riverside, the Humboldt University and the State and University Library Hamburg.





## References

## docWorks

### Europe

National Library of Estonia  
National Library of Finland  
National Library of Latvia  
National Library of Luxembourg  
National Library of Norway  
National Library of Slovakia  
Academic Library of Tallinn University  
Brightsolid UK  
Crimson UK  
LETA Latvia

### Asia Pacific

National Library of Australia  
National Library of Vietnam  
CD Imaging Singapore  
Contentra Technologies India

### America

Library of Congress  
National Library of Medicine USA  
National Library of Trinidad & Tobago  
Harvard University  
Princeton University  
Backstage Library Works USA  
Digital Divide Data USA  
Gemological Institute of America  
Cleveland Public Library  
Indiana State Library  
Library of Virginia  
Queens Library  
University of California Riverside  
University of Texas

## Digitization Services

### Europe

National Library of Austria  
National Library of Denmark  
National Library of Finland  
National Library of Latvia  
National Library of Luxembourg  
National Library of the Netherlands  
National Library of Norway  
Axel Springer  
British Library  
De Gruyter  
Europeana Newspapers  
Frankfurter Allgemeine Zeitung  
Leica Camera  
Library of Techn. Information Hanover  
Magnum Photos  
ProQuest UK  
State Library of Lower Saxony  
Wellcome Library

### America

Library of Congress  
Michigan State University Libraries  
University of California  
University of Minnesota  
Washington State Library

### Asia Pacific

National Library of Australia  
National Library of New Zealand  
National Library of Singapore



# References

## newsWorks

### Industry

ADAC  
Assoc. of the Chemical Industry  
Fraport\*  
Henkel  
Philips\*  
Renault\*  
Robert Bosch\*  
Stihl\*

### Media

Bauer Media Group  
Bayerischer Rundfunk  
BBC\*  
Deutsche Welle  
Dumont  
France Télécom\*  
Hessischer Rundfunk  
Mitteldeutscher Rundfunk  
Radio France\*  
RTL Group  
WDR mediagroup digital  
ZDF

### Public and Government

German Federal Ministry of Education and Research\*  
German Federal Ministry of the Interior  
The Press and Information Office of the German Federal Government  
German Bundestag  
Bundesanstalt für Finanzdienstleistungsaufsicht (BaFin)  
Deutsche Forschungsgemeinschaft (DFG)\*  
Office of Lower Saxony Prime Minister  
Office of Bremer Prime Minister  
Office of Hessian Prime Minister  
Hessian Ministry of Economics  
Lower Saxony Ministry for Culture  
Parliament of Mecklenburg-Western Pomerania  
Bavarian Ministry for the Environment and Public Health  
Social Democratic Party of Germany (SPD)  
Library of the Federal State Tyrol and of the university of Innsbruck  
Federal Chancellery of the Republic of Austria\*  
Junta de Andalucía Spain\*  
Konrad-Adenauer-Stiftung  
Bibliothèque de l'Assemblée nationale du Québec\*

### Finance / Insurance

Allianz  
DekaBank\*  
Dresdner Bank\*  
German Investment Trust  
Nürnberger Versicherungsgruppe  
Verband der Privaten Bausparkassen\*

### Media Monitoring Agencies

A.R.C.U.S., Germany  
Argus, Switzerland  
BurrellesLuce, USA  
Business World, Ireland  
FMV, Iceland  
Kliping, Slovenia\*  
Management Tools, Switzerland  
Media Info Group, Netherlands  
Meedius Eesti, Estonia  
Prime Research, Germany  
TNS, Lithuania  
Universal Information Services, USA

\*customer of local newsWorks distributor or media monitoring service partner

## U.S. Distributor of docWorks



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