

*“Digital Reel’s price was affordable, the turnaround time was within weeks and our records are now much higher in quality. With Digital Reel’s Cloud Option, we store our digitally converted microfilm at BMI’s data center, accessing our records over the Internet.”*

Sharon Vance  
Skamania County Clerk, Washington



#### INDUSTRY

- State & Local Government – Courts

#### LOCATION

- Skamania County, Washington

#### CHALLENGES

- Legacy microfilm archive resulting in slow record retrieval times
- Poor quality microfilm, making it difficult to view records

#### BMI PRODUCTS & SERVICES

- Microfilm roll archive digitally converted at BMI’s California service bureau
- Digital microfilm archive stored and hosted at BMI’s data center
- Researchers access records over the Internet from the Digital Reel web interface

#### BENEFITS

- Hosted solution has enhanced disaster recovery plan with digital records stored in multiple locations
- Full-text search makes it easy for researchers to find case information
- Adjustable grayscale enables previously illegible records to be enhanced and optimized prior to emailing, saving or printing

## Case Study



### Overview

As the administrative and financial officer of the Superior Court, a key duty for the Skamania County Clerk is to ensure that the public has unrestrained access to Court records. The County Clerk has a microfilm archive containing court case records (mostly probate) from 1869-1970.

Sharon Vance, County Clerk states, “When we received records requests from this archive, we would drag out the reader printer and film roll and spend time locating the record(s). Poor quality was an issue and in many cases we would have to print the records to read them.”

“Once we viewed how our image quality would be improved with Digital Reel, we knew it was the right solution,” Vance states. Skamania County Clerk shipped its microfilm archive to BMI’s California facility where exact, digital replicas of each microfilm roll were created. The County Clerk selected Digital Reel’s Cloud Option, storing the digitally converted records at BMI’s data center. Currently, County Clerk researchers log into the Internet, accessing their virtual microfilm records from the Digital Reel web interface.

## **Digital Reel Cloud Option Facilitates Disaster Recovery**

The County Clerk stores the official microfilm records at the Washington State Archives. The County Clerk holds a second copy of the microfilm archive at its office for search and retrieval requests.

Vance states, "With Digital Reel's Cloud Option, we've created a new, digital copy of our records that are now stored at BMI's secure, SAS 70 compliant data center. We will also store a hard drive of the digital records at the Washington State Digital Archives. We will have an additional digital copy of our records at a different site."

Vance continues, "We've not only made it easier for our staff and public to access these records, but we've enhanced our disaster recovery plan because these records are digitized, stored and protected in multiple locations."

## **Existing Micrographic Index and Full-Text Search Make it Easy to Find Case Files**

Digital Reel combines full-text search with the original micrographic indexing method, enabling users to quickly find information in a number of ways. The County Clerk's physical microfilm records were originally organized by case number. In the past, researchers had to page through physical index books, searching for a name associated with a case. Once the name was found, the case number would allow the user to locate the appropriate, physical microfilm roll(s).

Vance states, "By digitally scanning the index information and the microfilm to Digital Reel, the search for case files is faster, easier and more flexible. Researchers can now use the full-text search of Digital Reel to locate specific names within the index pages." When queried, the names will appear in context of their location in the index books, allowing some initial qualification by the user. Once the specific name is located,

the corresponding case number is identified. Users can then type in the case number and bring up the digitized record of the case, just as originally presented on the microfilm. If the text of the old index book is not indexed by OCR (e.g. if it was hand-written), users can simply page through the digital index books in Digital Reel (just as they would page through the physical book) to find the location of the case file reference. Vance states, "Record searches that might take 30 minutes or longer in the past are now completed in a matter of seconds using Digital Reel."

## **Adjustable Grayscale Enhances the Image Quality of the Entire Archive**

Many of the County Clerk records are very old, dating back into the 1800's. Originally, the records were written on onion skin paper. When the records were converted from paper to microfilm many years ago, the filming techniques were not refined and as a consequence, many of the images were difficult to read from the microfilm archive.

Occasionally, during a record search, the images found were not readable on the County Clerk's microfilm copy and they had to request the original microfilm roll from the Washington State Archives - which further delayed the record retrieval process. Vance states, "Digital Reel's adjustable grayscale is incredible, enabling us to bring into focus a record that was almost unusable on the physical microfilm. We can now bring it into focus, lighten it, darken it and fine tune the image into a high quality document."

## **Next Steps**

In the future, the County Clerk will be able to include these digital records in the Clerk ePass system. Vance concludes, "Our Clerk ePass system makes it possible for the public to purchase electronically certified records through a secure web-site on the Internet."