

Case Study

Less data entry. Much faster access to patient records.

How to accelerate Electronic Medical Records (EMR) implementation

Chesapeake Document Services (CDS), a service bureau in White Plains, MD, serves two regional hospitals as its largest clients. CDS is responsible for capturing patient records and ensuring the accuracy of data entry.

Situation

Prior to implementing a software-based solution, CDS entered data for hospital clients by hand, twice, to ensure accuracy. This slow manual process was prone to human error and was unnecessarily expensive. Hospital clients had to wait for patient data to be available and CDS employees had to be dedicated to the single task of data entry.

Objective

Both hospitals required more efficient and automated ways to input key data, faster access to patient records and lower overhead costs. Meanwhile, CDS needed a software/hardware solution that they could readily use and potentially resell to other clients.

Solution

CDS now uses **Kodak i1860** and **i780** Scanners and **Kodak Capture Pro** Software with its barcode-lookup and drag-and-drop OCR features to auto-populate key index fields on patient records.

Results

This solution reduced data entry time by approximately 50% and sped up turnaround times significantly - providing faster data access for hospital clients. Improving the workflow efficiency freed up staff for other projects and reduced overhead. The hospitals improved data security with Cloud-based storage and CDS leveraged Capture Pro Software capabilities to land new business.

“We’ve cut data entry time for our hospital clients by about 50% with **Kodak** Capture Pro Software.”

Lee Stalaker, Director of Operations, Chesapeake Document Services

A truly scalable solution

CDS has been using **Kodak** Capture Pro Software for years. They first used the desktop version, then moved up to the database version, and finally served as beta testers of Capture Pro Software with the database lookup feature. “Once we fully implemented the database lookup feature, the light bulb went on for us,” notes Lee Stalaker, CDS Director of Operations.

Now, for one hospital, CDS scans the barcode on each document and Capture Pro Software pulls the patient name, date of birth, and other key data from the database to auto-populate all relevant index fields. For their other medical client, no barcode is available so CDS uses the drag-and-drop OCR feature on a key piece of data to initiate the database lookup. Capture Pro Software can validate or populate index fields from Open Database Connectivity-compliant (ODBC) sources.

The front end of the CDS solution is the **Kodak** i1860 and i780 Scanners. “We scan at 300 dpi in bitonal mode, as that’s ideal for OCR,” says Stalaker. “To enhance scanning speed, we work in landscape with the i1860 Scanner, and



Kodak i1860 Scanner

we can complete an entire box of records in about 45 minutes.”

“We upload their files in PDF or TIFF format to our Global Repository System (GRS) that offers secure, online, Web-based access to the files for the hospital,” Stalaker says.

When working with clients who are setting up their own scanning operations, Capture Pro Software’s

ability to work seamlessly with a variety of other manufacturers’ scanners is a huge advantage. In fact, they recently won a contract because **Kodak** Capture Pro Software could provide one common interface for a wide array of scanner models and manufacturers, and CDS was also awarded a large government contract because Capture Pro Software could automatically output files to an FTP site.

Want to learn more?

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