Case Study

Imaging services company adds scanning horsepower to plow through a huge project

Scanning solution driven by **Kodak** Scanners and **Kodak** Capture Pro Software

A reseller of Kodak Alaris products and solutions, COMPU-DATA International, LLC (CDI), located in Spring, TX near Houston, provides outsourced scanning services to a wide variety of clients. To power through a government project involving millions of documents, the company needed to add more horsepower to its fleet of **Kodak** Scanners.

Situation

CDI had won a government project that required high-quality, fast-turnaround scanning of huge volumes of assorted documents.

Objective

Quickly gear up production capacity with a highly productive, hassle-free document imaging solution.

Solution

A fleet of **Kodak** Scanners, including a new **Kodak** i5600 Scanner, combined with **Kodak** Capture Pro Software and in-house scanning services system software.

Results

CDI met the short-term, multi-million document volume goal at an accuracy rate of over 99%.

When CDI won a bid for a government project that involved fast turnaround on millions of documents within a five-month window, they were already using **Kodak** Scanners and **Kodak** Capture Pro Software. But the company quickly realized that a project this large required additional horsepower. So they quickly acquired a **Kodak** i5600 Scanner, featuring an unlimited daily volume and speeds of up to 170 pages per minute. Armed with the necessary equipment and software, CDI prepared to take on the mountain of boxes and documents.

Meeting the specs

Juan J. Celaya, President and CEO of CDI, understood what the firm would be receiving and what the client's expectations were. Each document

type specification called for blank page removal and page rotation, with some exceptions, based on page content. The documents varied widely, from plane tickets and receipts to legal and A2 size forms. Paper types ranged from onion skin to card stock. "Each box had documents of all sizes, formats and types," Celaya notes. "There was no standardization."

Because of the challenging nature of the project, Celaya and his team placed a great deal of faith in their **Kodak** Scanners to deliver streamlined throughput with minimal double feeds and jams. "We really couldn't control the document preparation, so we had to scan the materials as we received them," says Celaya. "We were apprehensive about how smoothly things would go as we began the process."

> ## "The bottom line is that integration with our processes was easy, image quality was outstanding, throughput was exactly what we required, and the number of hassles was really minimized."

Juan J. Celaya, President and CEO of CDI

Setting up the workflow

Operating over two shifts, the scanning architecture consisted of three **Kodak** i4600 Scanners, one i620 Scanner, and the new i5600 Scanner. The network setup included a gigabit switch supporting one server, five scanning stations and two quality control stations. The scanning and quality control application was **Kodak** Capture Pro Software v3.1 and the operational software was CDI's own Scanning Services System.

The capture workflow followed this standard process:

- Registration of boxes
- Job and page type selection, based on box content
- Pages scanned using **Kodak** Capture Pro Software (300 dpi G4 TIFF) and Perfect Page Image Processing technology applied to each image
- Visual QC applied during scanning to catch double and improper paper feeds
- Automatic software rotation or fixed page rotation applied to each image, along with automatic blank image removal
- QC approval or rejection
- Creation of searchable PDF files
- Final approval and delivery to customer

Kodak i5600 Scanner

Impressive productivity and quality

Celaya and his operators were quickly impressed with the productivity of the **Kodak** i5600 Scanner. "The operators would load in a batch and the i5600 Scanner would have completed it before they had the next batch ready," Celaya recalls. "It really kept everyone hopping." What's more, each **Kodak** Scanner met the goal of creating images equal to, or better than, the quality of the originals.

Close-to-perfect accuracy

Kodak Capture Pro Software complemented the productivity of the scanners, making it easy to create job and page types to support the different processing requirements. With the scanners and software working together, weekly delivery rates reached over 750,000 images.

Using **Kodak** Capture Pro Software allowed operators to scan with exceptional accuracy. In fact, CDI calculated accuracy

rates from 99.33% to 99.63%. These remarkable rates were made possible by hard work from CDI operators, combined with the **Kodak** Scanner's on-board image enhancements. Quality image files, made possible by Perfect Page technology, made it easy to apply automated processes and **Kodak** Capture Pro Software streamlined the QC step of the workflow process.

Ready to do it again

"The bottom line is that integration with our processes was easy, image quality was outstanding, throughput was exactly what we required, and the number of hassles was really minimized," Celaya summarizes. "After capturing over six million images in such a short period of time, we know how to handle this type of project, and I am confident that we'll be doing many more like it. That's a tribute to our people and the hardware, software and support from Kodak Alaris that make it possible."

Kodak alaris